

CHECKLIST VERIFIKASI BA TEST COMMISIONING

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

NO.	ITEM YANG DI PERIKSA	STATUS		KETERANGAN
		OK	NOK	
1	BA Test Commisioning			
	a BA Test Commisioning	-	✓	
2	b Laporan 100% Waspang	✓	-	Terisi Lengkap
	Lampiran Test Commisioning			
3	a Red line drawing	✓	-	TTD Waspang & Mitra
	b BoQ hasil opname	✓	-	TTD Waspang & Mitra
	c Hasil ukur OTDR	✓	-	Sesuai Standar Spesifikasi
	d Hasil ukur Power Meter	✓	-	Sesuai Standar Spesifikasi
4	BA Lapangan			
	a BA Perubahan design	-		u h
	b BA/ Keterangan pendukung penambahan lokasi	-	✓	Tidak Perlu
	c BA/ Keterangan pendukung pengurangan lokasi (delete/ drop)	-	✓	Tidak Perlu
	d BA/ Keterangan pendukung relokasi	-	✓	Tidak Perlu
	Dokumen Lainnya			
	a Surat Perijinan dari PU / Privat Area	-	✓	Tidak Perlu
	b BA Perbaikan core eksisting dan hasil ukurnya	-	✓	Tidak Perlu
	c BA Modifikasi Mainhole	-	✓	Tidak Perlu
	d BA Perbaikan duct block	-	✓	Tidak Perlu

PONOROGO, 10 Januari 2025

PT TELKOM INFRASTRUKTUR
SUPERVISOR TIF

(FIRMANSYAH KURNIA AURIN)
NIK. 930339

LAPORAN PEKERJAAN SELESAI 100%

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

1. Bersama ini kami informasikan bahwa pelaksanaan pekerjaan fisik telah selesai 100% dan untuk dilaksanakan Uji Fungsi (Commisioning Test)
2. Demikian kami sampaikan, atas perhatian dan kerjasamanya kami ucapkan terima kasih

PONOROGO, 10 Januari 2025

SUPERVISOR TIF
PT TELKOM INFRASTRUKTUR
INDONESIA

(FIRMANSYAH KURNIA AURIN)
NIK. 930339

WASPANG
PT TELKOM AKSES

(ELISSA DELLA RESTIANA P)
NIK. 945308

BERITA ACARA BARANG TIBA DILOKASI

PROYEK	:	Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	:	K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	:	K.TEL.004224/HK.810/GPP-A0200000/2024, Tanggal 05 September 2024
WITEL	:	JATIM BARAT
LOKASI	:	PONOROGO [5MDN-JEN-PT4-CSF PRO190 FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	:	PT. TELKOM AKSES

1. Pada hari ini **Senin** tanggal **Tiga Puluh** bulan **September** tahun **Dua Ribu Dua Puluh Empat**, bertempat di Area kantor Telkom Akses Madiun telah dilakukan pemeriksaan terhadap barang dan tiba untuk work package/lokasi tersebut di atas dengan hasil sebagai berikut :

No	Nama / Item Barang	Jumlah	Satuan	Progress	Merk	Kondisi	Kesimpulan
1	AC-OF-SM-24D	671	Meter	100%	FIBERHOME	Baik	Ok
2	SC-OF-SM-24	1	pcs	100%	SSK	Baik	Ok
3	PC-UPC-657-2	3	Meter	100%	SWIFT	Baik	Ok
4	ODC-C-144	1	pcs	100%	FICOMM	Baik	Ok
5	ODP Solid-PB-8 AS	10	pcs	100%	SWIFT	Baik	Ok
6	PS-1-4-ODC	3	pcs	100%	MAGNATECH	Baik	Ok
7	PU-S7.0-140	1	batang	100%	CAP	Baik	Ok
8	PU-AS	16	set	100%	PAS	Baik	Ok
9	TC-02-ODC	2	pcs	100%	RYU TELCO	Baik	Ok
10	DD-HDPE-40-1	25	Meter	100%	VINILON	Baik	Ok
11	Slack Support HH	4	pcs	100%	AAR	Baik	Ok
12	PU-S7.0-400NM	24	batang	100%	DHJ	Baik	Ok
13	AC-OF-SM-ADSS-12D	690	Meter	100%	HS	Baik	Ok
14	AC-OF-SM-ADSS-24D	1.554	Meter	100%	FIBERHOME	Baik	Ok
15	PU-AS-SC	31	pcs	100%	RYU TELCO	Baik	Ok
16	PU-AS-HL	34	pcs	100%	RYU TELCO	Baik	Ok

***Kesimpulan : Barang diterima/ ditolak**

2. Hal-hal yang masih perlu diselesaikan/ disempurnakan berkaitan dengan pengiriman barang akan diselesaikan dengan segera selama masa persiapan pelaksanaan instalasi.

Demikian Berita Acara Barang Tiba ini dibuat sesuai keadaan sebenarnya dan untuk dipergunakan sebagai laporan progress barang.

Ponorogo, 30 September 2024

WASPANG

PT TELKOM AKSES

PT TELKOM INFRASTRUKTUR
INDONESIA



FIRMANSYAH KURNIA AURIN
NIK. 930339


ELISSA DELLA RESTIANNA PUTRI
NIK. 945308

LAMPIRAN EVIDENT BARANG TIBA DI LOKASI

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024, Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: PONOROGO [5MDN-JEN-PT4-CSF PRO190 FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



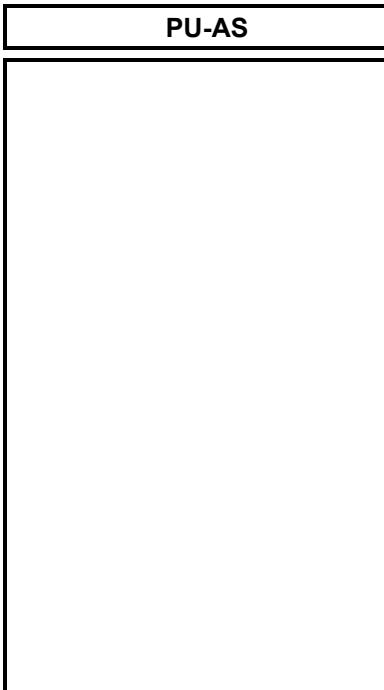
LAMPIRAN EVIDENT BARANG TIBA DI LOKASI

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024, Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: PONOROGO [5MDN-JEN-PT4-CSF PRO190 FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



LAMPIRAN EVIDENT BARANG TIBA DI LOKASI

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024, Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: PONOROGO [5MDN-JEN-PT4-CSF PRO190 FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



AC-OF-SM-24-D

LAMPIRAN BERITA ACARA COMMISSIONING TEST BILL OF QUANTITY (BOQ)

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

NO	DESIGNATOR	URAIAN PEKERJAAN	SATUAN	JENANGAN			
				JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]			
				DRM	AKTUAL	TAMBAH	KURANG
8	AC-OF-SM-24D	Pengadaan dan pemasangan Kabel Udara Fiber Optik Single Mode 24 core G.652 D	meter	790	671	-	119
25	SC-OF-SM-24	Pengadaan dan pemasangan alat sambung (cabang/ lurus) untuk Fiber Optik kapasitas 12 - 24 core	pcs	1	1	-	-
30	OS-SM-1	Penyambungan Kabel Optik Single Mode kap 1 core dengan cara fusion splice	core	88	87	-	1
42	PC-APC/UPC-657-A1	Additional patch cord, G.657	meter	16	-	-	16
43	PC-UPC-657-2	Pengadaan dan pemasangan Patch cord 2 meter, (FC/LC/SC-UPC To FC/LC/SC-UPC), G.657	pcs	2	3	1	-
52	ODC-C-144	Pengadaan dan pemasangan kabinet ODC (Outdoor) kap 144 core dengan space untuk splitter modular termasuk material adaptor SC, pigtail, pondasi berlapis keramik, lantai kerja keramik, patok pengaman (5 buah), berikut perlakuan	pcs	1	1	-	-
65	ODP Solid-PB-8 AS	Pengadaan dan pemasangan ODP type SOLID Kap 8 core adaptor SC/UPC terdiri dari 1 Box Splitter (termasuk 1 splitter 1:8), 1 Box Dummy beserta Accessories, berikut perlakuan dan penempelan QR code (disediakan oleh Telkom). Pemasangan ODP Pole dilengkapi dengan aksesoris instalasi yang terdiri dari 1 buah cooker (PVC 2 inch tipe AW sepanjang 1 meter) dan 2 buah klem (untuk penjepit cooker dan kabel)	pcs	10	10	-	-
71	TC-SM-24	Pengadaan dan Pemasangan OTB termasuk terminasi dan penyambungan kabel optik Single mode kap 24 core serta Adapter (SC Connector), pigtail dan protection sleeve pada cassette/box	pcs	1	-	-	1
75	PS-1-4-ODC	Pengadaan dan pemasangan Passive Splitter 1:4, type modular SC/UPC, for ODC, termasuk pigtail	pcs	3	3	-	-
82	SITAC ODC	Akuisisi Lahan SITAC ODC	Node	1	1	-	-
83	PU-S7.0-140	Pengadaan dan Pemasangan Tiang Besi 7 meter, berikut cat & cor pondasi dan aksesories dengan kekuatan tarik 140 kg	pcs	1	1	-	-
88	PU-AS	Pengadaan dan Pemasangan Aksesoris tiang eksisting	set	34	16	-	18
89	GB-G1	Pengadaan dan Pemasangan Grounding 1 titik rod pada ODP /kotak pembagi dengan tahanan maks 3 ohm	pcs	3	1	-	2
90	GB-G3	Pengadaan dan Pemasangan Grounding 3 titik rod pada ODC dengan tahanan maks 1 ohm	pcs	1	1	-	-
92	TC-02-ODC	Pengadaan dan Pemasangan Riser Pipe untuk pengaman kabel optik ke ODC Pole / titik naik KU diameter 2 inch panjang 3 meter	pcs	3	3	-	-
94	PP-OF-OUT	Pengadaan dan Pemasangan Pipe Protector Outdoor Cable (PVC Black) High Impact Conduit 20 mm	meter	8	2	-	6
133	DD-HDPE-40-1	Pengadaan dan pemasangan pipa HDPE 40/33 mm 1 pipa dengan kedalaman 1,5 meter	meter	17	19	2	-
145	BC-TR-0.4	Pekerjaan Galian, Pengurukan kembali dan perbaikan kembali, pengisian pasir, warning tape dan tanda rute kabel serta tempat sambung kedalaman 0,4 meter	meter	10	9	-	1
205	HH-PIT-80	Pembuatan Handhole Pit ukuran dimensi dalam (P x L x T = 80cm x 80cm x 80cm) cor beton 1:2:3	pcs	1	1	-	-
206	Slack Support HH	Pengadaan dan Pemasangan Slack include sabuk ukuran dimensi dalam (P x L = 80cm x 80cm)	pcs	3	4	1	-
250	PU-S7.0-400NM	Pengadaan dan Pemasangan Tiang Besi Telekomunikasi 7 Meter dengan 2 Segmen untuk Kabel Distribusi berikut Cat & Cor Pondasi (1:2:3) dengan Kekuatan Tarik 400 Newton Meter	unit	24	24	-	-
259	AC-OF-SM-ADSS-12D	Pengadaan dan Pemasangan Kabel Udara Fiber Optik All Dielectric Self Supporting Cable (ADSS) Single Mode 12 Core G.652.D	meter	710	690	-	20
260	AC-OF-SM-ADSS-24D	Pengadaan dan Pemasangan Kabel Udara Fiber Optik All Dielectric Self Supporting Cable (ADSS) Single Mode 24 Core G.652.D	meter	1,560	1,554	-	6
263	PU-AS-DE-50/70	Pengadaan dan Pemasangan Aksesoris Tiang Helical Dead-End Clamp untuk Kabel ADSS ukuran 50/70	pcs	24	-	-	24
264	PU-AS-SC	Pengadaan dan Pemasangan Aksesoris Tiang Suspension Clamp Corong untuk Kabel ADSS	pcs	48	31	-	17
265	PU-AS-HL	Pengadaan dan Pemasangan Aksesoris Tiang Helical Performed Grip untuk Kabel ADSS	pcs	21	34	13	-

Ponorogo , 10 Januari 2025
WASPANG

PT TELKOM AKSES



SUPERVISOR TIF
PT TELKOM INFRASTRUKTUR
INDONESIA

(FIRMANSYAH KURNIA AURIN)
NIK. 930339

(ELISSA DELLA RESTIANNA P)
NIK. 945308

		PENGETESAN FO END-TO-END ATTENUATION											
Proyek	:	Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024				Panjang Kabel	671	Meter					
						Spesification							
Kontrak Nomor	:	K.TEL.025/HK.810/OPS-1000000/2021, Tanggal 13 September 2021				Wave Length			SM 1490 nm				
Nomor SP	:	K.TEL.004224/HK.810/GPP-A020000/2024, Tanggal 05 September 2024				Redaman Kabel	0.35	x	0.67	=	0.23	db	
Pelaksana	:	PT.TELKOM AKSES				Redaman Splicing	0.10	x	2.0	=	0.20	db	
Witel	:	MADIUN				Redaman Connector	0.25	x	4.0	=	1.00	db	
Lokasi	:	JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]				Spliter 1:4	7.80	x	-	=	-	db	
		SMILE 4.0				Spliter 1:8	11.40	x	-	=	-	db	
Fiber		P.Out	Satuan	Final Value	Satuan	Keterangan	P.In = Kalibrasi			Total	=	1.43	db
No.										P.In	=	-	7.24
1	-	7.51	dbm	0.27	db	OK							
2	-	7.51	dbm	0.27	db	OK							
3	-	7.62	dbm	0.38	db	OK							
4	-	7.58	dbm	0.34	db	OK							
5	-	7.70	dbm	0.46	db	OK							
6	-	7.70	dbm	0.46	db	OK							
7	-	7.73	dbm	0.49	db	OK							
8	-	7.75	dbm	0.51	db	OK							
9	-	7.69	dbm	0.45	db	OK							
10	-	7.66	dbm	0.42	db	OK							
11	-	7.75	dbm	0.51	db	OK							
12	-	7.69	dbm	0.45	db	OK							
13	-	7.59	dbm	0.35	db	OK							
14	-	7.85	dbm	0.61	db	OK							
15	-	7.68	dbm	0.44	db	OK							
16	-	7.48	dbm	0.24	db	OK							
17	-	7.77	dbm	0.53	db	OK							
18	-	7.76	dbm	0.52	db	OK							
19	-	7.92	dbm	0.68	db	OK							
20	-	7.63	dbm	0.39	db	OK							
21	-	7.77	dbm	0.53	db	OK							
22	-	8.03	dbm	0.79	db	OK							
23	-	7.39	dbm	0.15	db	OK							
24	-	7.62	dbm	0.38	db	OK							

Ponorogo, 10 Januari 2025

PT TELKOM AKSES

WASPANG

ELISSA DELLA RESTIANA PUTRI

NIK. 945308

PT TELKOM INFRASTRUKTUR
SUPERVISOR TIF

FIRMANSYAH KURNIA AURIN
NIK. 930339

**DATA PENGUKURAN OPM
PROJECT OUTSIDE PLANT FIBER OPTIC**

OPERATION WAVE LENGTH : 1310/1490 nm *)

PROJECT : SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
 NO SP : K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
 TIPE CABLE : ADSS
 JUMLAH CORE : 24CORE
 NAMA LOKASI : JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
 CATUAN : ODC-JEN-FB

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss Hasil Ukur (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/km	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/01	1	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.17	9.93	2.72	OK
		2	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.31	10.07	2.58	OK
		3	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.31	10.07	2.58	OK
		4	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.38	10.14	2.51	OK
		5	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.15	9.91	2.74	OK
		6	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.29	10.05	2.60	OK
		7	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.36	10.12	2.53	OK
		8	1.569	0.35	1	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.65	-17.22	9.98	2.67	OK
	DST																			

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss Hasil Ukur (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/km	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/02	1	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.73	10.49	2.09	OK
		2	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.35	10.11	2.47	OK
		3	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.69	10.45	2.13	OK
		4	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.31	10.07	2.51	OK
		5	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.35	10.11	2.47	OK
		6	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.43	10.19	2.39	OK
		7	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.56	10.32	2.26	OK
		8	1.372	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.58	-17.29	10.05	2.53	OK
	DST																			

PT TELKOM INFRASTRUKTUR

SUPERVISOR TIF



FIRMANSYAH KURNIA AURIN

NIK. 930339

Ponorogo, 10 Januari 2025

MITRA

PT. TELKOM AKSES



ELISSA DELLA RESTIANA PUTRI

NIK. 945308

**DATA PENGUKURAN OPM
PROJECT OUTSIDE PLANT FIBER OPTIC**

OPERATION WAVE LENGTH: 1310/1490 nm *)
 PROJECT : SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
 NO SP : K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
 TIPE CABLE : ADSS
 JUMLAH CORE : 24CORE
 NAMA LOKASI : JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
 CATUAN : ODC-TNZ-FAE

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss Hasil Ukur (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/k m	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/03	1	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.41	12.17	0.28	OK
		2	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.45	12.21	0.24	OK
		3	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.52	12.28	0.17	OK
		4	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.45	12.21	0.24	OK
		5	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.23	11.99	0.46	OK
		6	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.25	12.01	0.44	OK
		7	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.65	12.41	0.04	OK
		8	0.994	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.45	-19.39	12.15	0.30	OK
	DST																			

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss Hasil Ukur (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/k m	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/04	1	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.67	10.43	1.94	OK
		2	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.59	10.35	2.02	OK
		3	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.49	10.25	2.12	OK
		4	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.79	10.55	1.82	OK
		5	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.24	10.00	2.37	OK
		6	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.43	10.19	2.18	OK
		7	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.55	10.31	2.06	OK
		8	0.785	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.37	-17.51	10.27	2.10	OK
	DST																			

PT TELKOM INFRASTRUKTUR
SUPERVISOR TIF

FIRMANSYAH KURNIA AURIN
NIK. 930339

Ponorogo, 10 Januari 2025

MITRA
PT. TELKOM AKSES

ELISSA DELLA RESTIANA PUTRI
NIK. 945308

**DATA PENGUKURAN OPM
PROJECT OUTSIDE PLANT FIBER OPTIC**

OPERATION WAVE LENGTH: 1310/1490 nm *)
 PROJECT : SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
 NO SP : K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
 TIPE CABLE : ADSS
 JUMLAH CORE : 24CORE
 NAMA LOKASI : JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
 CATUAN : ODC-TNZ-FAE

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/k m	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/05	1	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.07	9.83	2.48	OK
		2	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.24	10	2.31	OK
		3	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.16	9.92	2.39	OK
		4	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.63	10.39	1.92	OK
		5	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.17	9.93	2.38	OK
		6	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.38	10.14	2.17	OK
		7	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.27	10.03	2.28	OK
		8	0.589	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.51	10.27	2.04	OK
	DST																			

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/k m	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/06	1	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-18.13	10.89	1.36	OK
		2	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.66	10.42	1.83	OK
		3	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.84	10.6	1.65	OK
		4	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.63	10.39	1.86	OK
		5	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.54	10.30	1.95	OK
		6	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.64	10.40	1.85	OK
		7	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.98	10.74	1.51	OK
		8	0.418	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.25	-17.64	10.40	1.85	OK
	DST																			

PT TELKOM INFRASTRUKTUR
SUPERVISOR TIF

FIRMANSYAH KURNIA AURIN
NIK. 930339

Ponorogo, 10 Januari 2025
MITRA
PT. TELKOM AKSES

ELISSA DELLA RESTIANA PUTRI
NIK. 945308

DATA PENGUKURAN OPM PROJECT OUTSIDE PLANT FIBER OPTIC

OPERATION WAVE LENGTH: 1310/1490 nm *)													
PROJECT	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024												
NO SP	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024												
TIPE CABLE	: ADSS												
JUMLAH CORE	: 24CORE												
NAMA LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]												
CATUAN	: ODC-TNZ-FAE												

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter			Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Hasil Ukur (In - Out) (dB)	Total Loss (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/km	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/07	1	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.65	10.41	1.90	OK
		2	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-18.36	11.12	1.19	OK
		3	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-18.47	11.23	1.08	OK
		4	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-18.47	11.23	1.08	OK
		5	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.42	10.18	2.13	OK
		6	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.62	10.38	1.93	OK
		7	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.75	10.51	1.80	OK
		8	0.601	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.68	10.44	1.87	OK
DST																				

Distribusi ODC (IN) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter			Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Hasil Ukur (In - Out) (dB)	Total Loss (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/km	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/08	1	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.81	10.57	1.69	OK
		2	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.89	10.65	1.61	OK
		3	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.88	10.64	1.62	OK
		4	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.87	10.63	1.63	OK
		5	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.79	10.55	1.71	OK
		6	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.84	10.60	1.66	OK
		7	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.92	10.68	1.58	OK
		8	0.457	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.26	-17.83	10.59	1.67	OK
DST																				

Ponorogo, 10 Januari 2025

PT TELKOM INFRASTRUKTUR
SUPERVISOR TIF

FIRMANSYAH KURNIA AURIN
NIK. 930339

MITRA

PT. TELKOM AKSES

ELISSA DELLA RESTIANA PUTRI
NIK. 945308

DATA PENGUKURAN OPM PROJECT OUTSIDE PLANT FIBER OPTIC

OPERATION WAVE LENGTH : 1310/1490 nm *)
 PROJECT : SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
 NO SP : K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
 TIPE CABLE : ADSS
 JUMLAH CORE : 24CORE
 NAMA LOKASI : JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
 CATUAN : ODC-TNZ-FAE

Distribusi ODC (OUT) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss Hasil Ukur (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/km	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/09	1	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.55	10.31	2.00	OK
		2	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.53	10.29	2.02	OK
		3	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.62	10.38	1.93	OK
		4	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.78	10.54	1.77	OK
		5	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.95	10.71	1.60	OK
		6	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.42	10.18	2.13	OK
		7	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-18.14	10.90	1.41	OK
		8	0.593	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.31	-17.38	10.14	2.17	OK
	DST																			

Distribusi ODC (OUT) (dBm)	ODP	CORE/PORT ODP	Redaman Kabel			Redaman Connector			Redaman Splicing			Redaman Splitter				Total Loss Maks (dB)	Hasil Ukur Redaman ODP (OUT) (dBm)	Total Loss Hasil Ukur (In - Out) (dB)	Deviasi	KET
			Kabel (km)	Redaman/km	Total	Jumlah	Redaman Satuan	Total	Jumlah	Redaman Satuan	Total	Spl. 1/2	Spl. 1/4	Spl. 1/8	Spl. 1/16					
-7.24	ODP-JEN-FB/10	1	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.01	10.77	1.45	OK
		2	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.20	10.96	1.26	OK
		3	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.06	10.82	1.40	OK
		4	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.02	10.78	1.44	OK
		5	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.18	10.94	1.28	OK
		6	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.36	11.12	1.10	OK
		7	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.17	10.93	1.29	OK
		8	0.332	0.35	0	2	0.25	0.5	2	0.1	0.2	0	0	11.4	0	12.22	-18.03	10.79	1.43	OK
	DST																			

PT TELKOM INFRASTRUKTUR
 SUPERVISOR TIF



FIRMANSYAH KURNIA AURIN
 NIK. 930339

Ponorogo, 10 Januari 2025

MITRA

PT. TELKOM AKSES


ELISSA DELLA RESTIANA PUTRI
 NIK. 945308

EVIDENCE COMMISSIONING TEST

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE KALIBRASI OPM

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

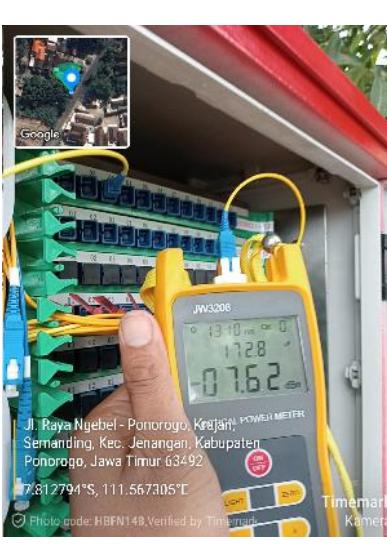
KALIBRASI OPM



Rata-rata kalibrasi : -7.24

PORT FEEDER

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

		
PORT 1	PORT 2	PORT 3
		
PORT 4	PORT 5	PORT 6

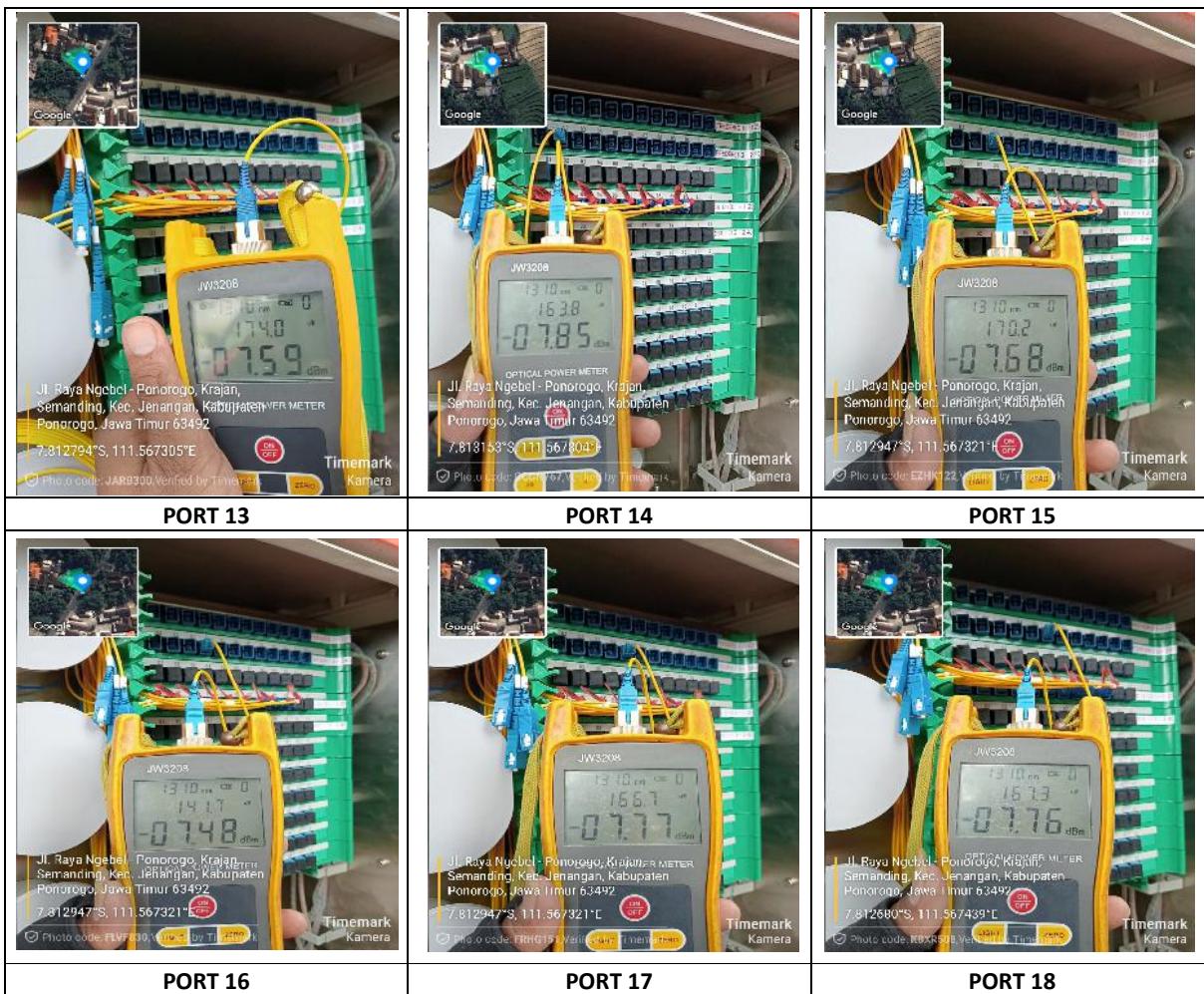
PORT FEEDER

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

		
PORT 7 	PORT 8 	PORT 9 
PORT 10 	PORT 11 	PORT 12 

PORT FEEDER

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



PORT FEEDER

PROYEK	: Surat Pesanan-39 (SP#39) Pengadaan dan Pemasangan OSP FTTH PT3 Feeder Tahap-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

		
PORT 19	PORT 20	PORT 21
		
PORT 22	PORT 23	PORT 24

EVIDENCE ODP-JEN-FB/01

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE ODP-JEN-FB/02

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE ODP-JEN-FB/03

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE ODP-JEN-FB/04

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE ODP-JEN-FB/05

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE ODP-JEN-FB/06

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



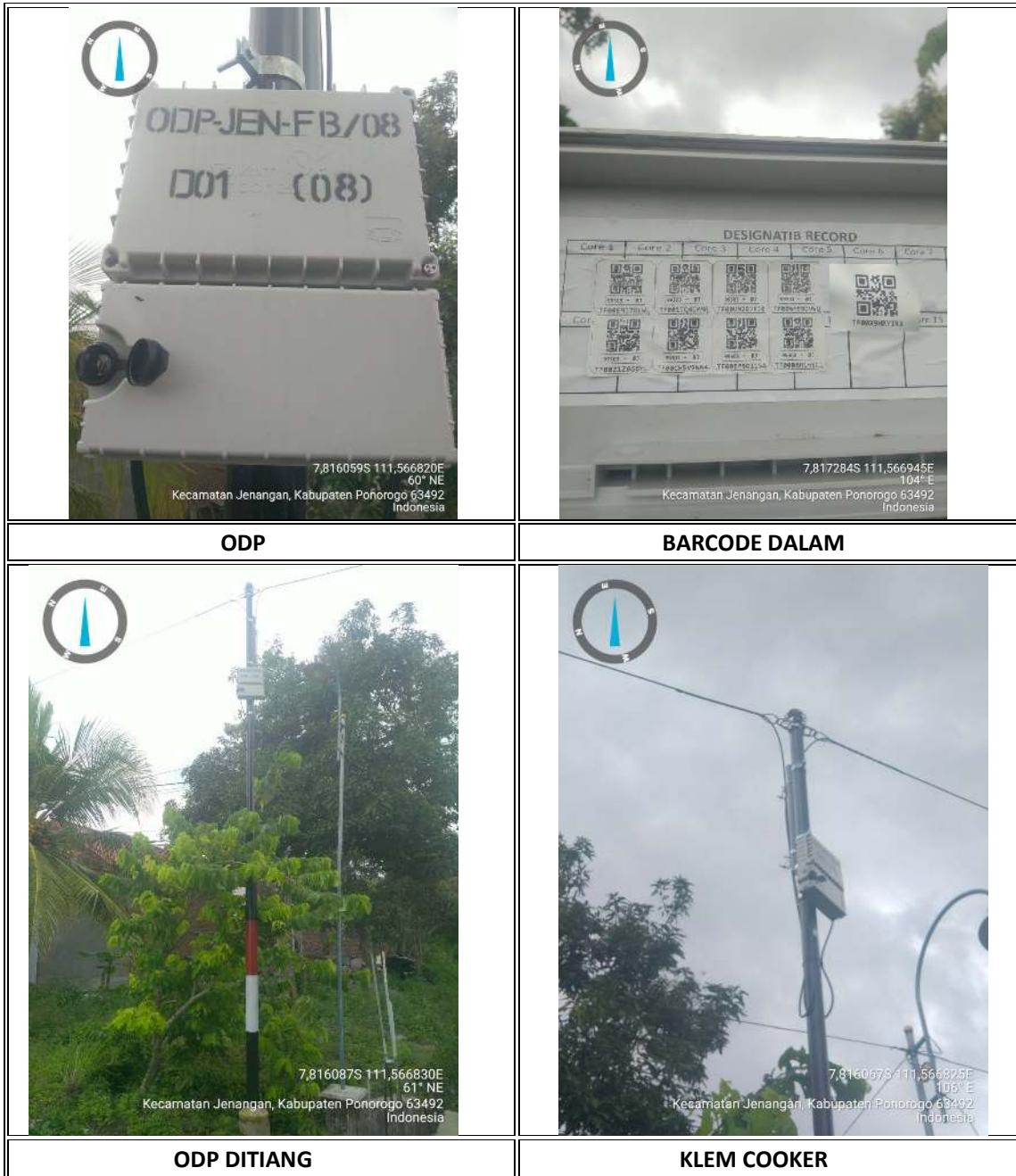
EVIDENCE ODP-JEN-FB/07

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



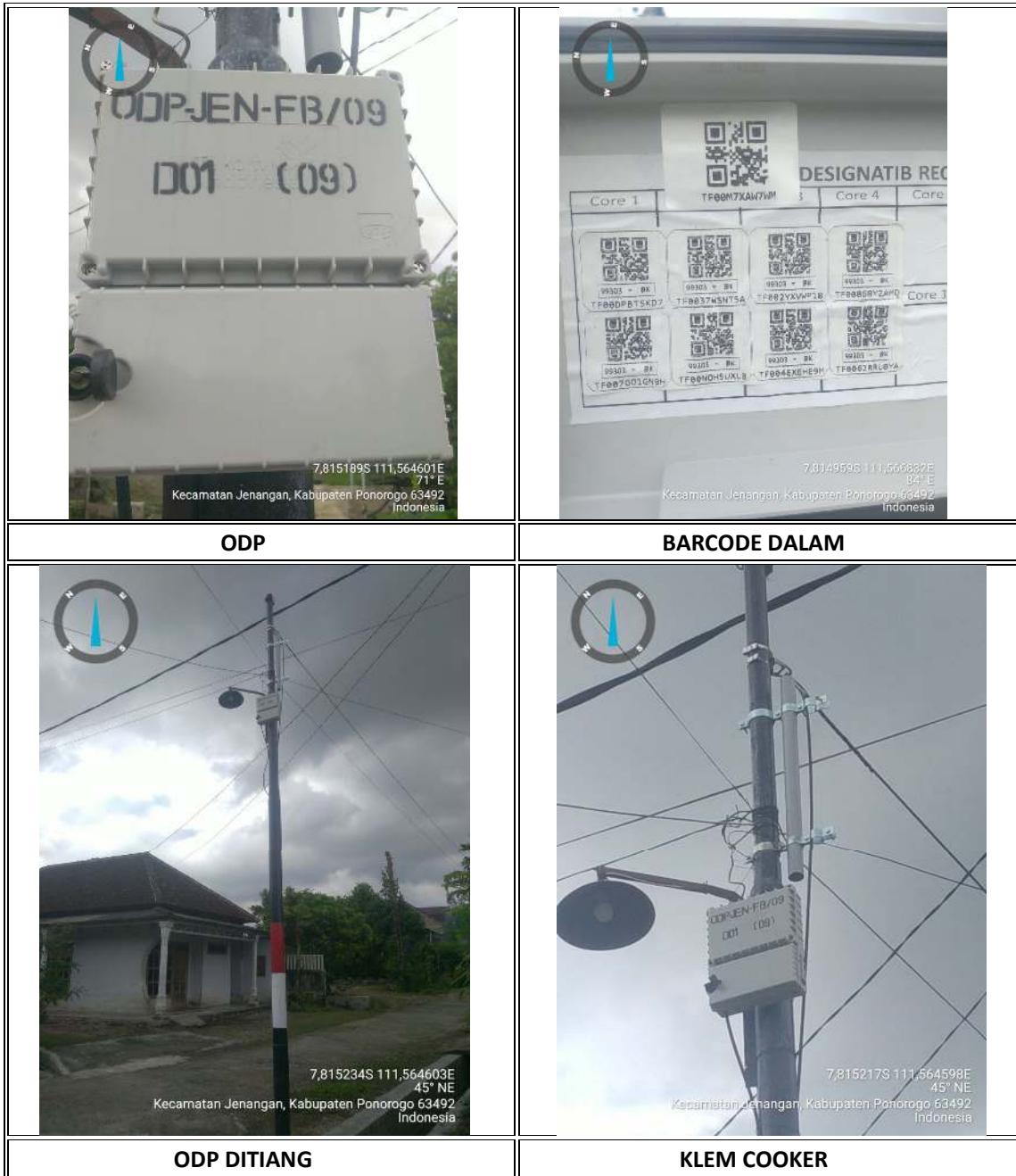
EVIDENCE ODP-JEN-FB/08

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



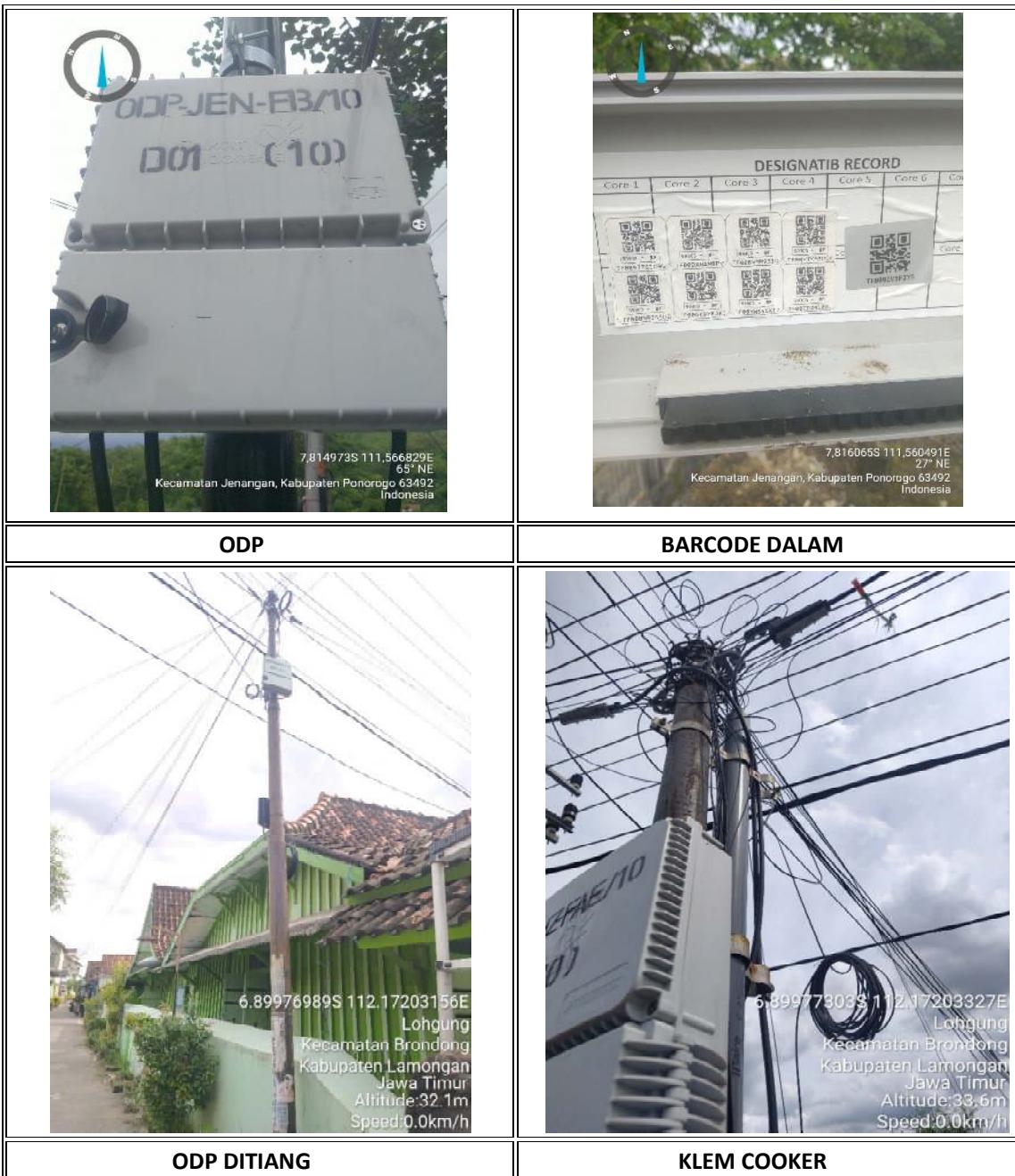
EVIDENCE ODP-JEN-FB/09

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE ODP-JEN-FB/10

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



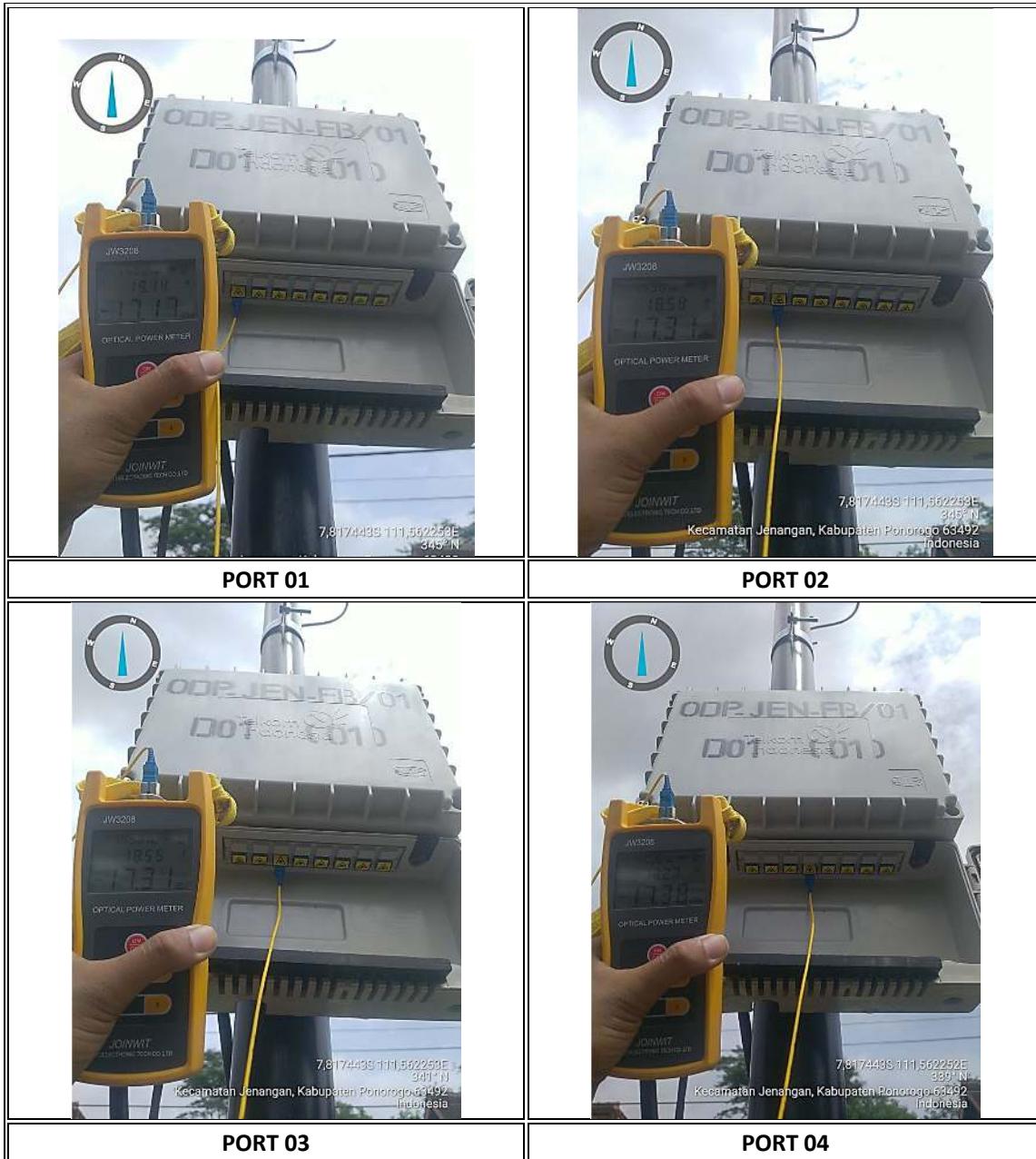
EVIDENCE ODP-JEN-FB/11

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



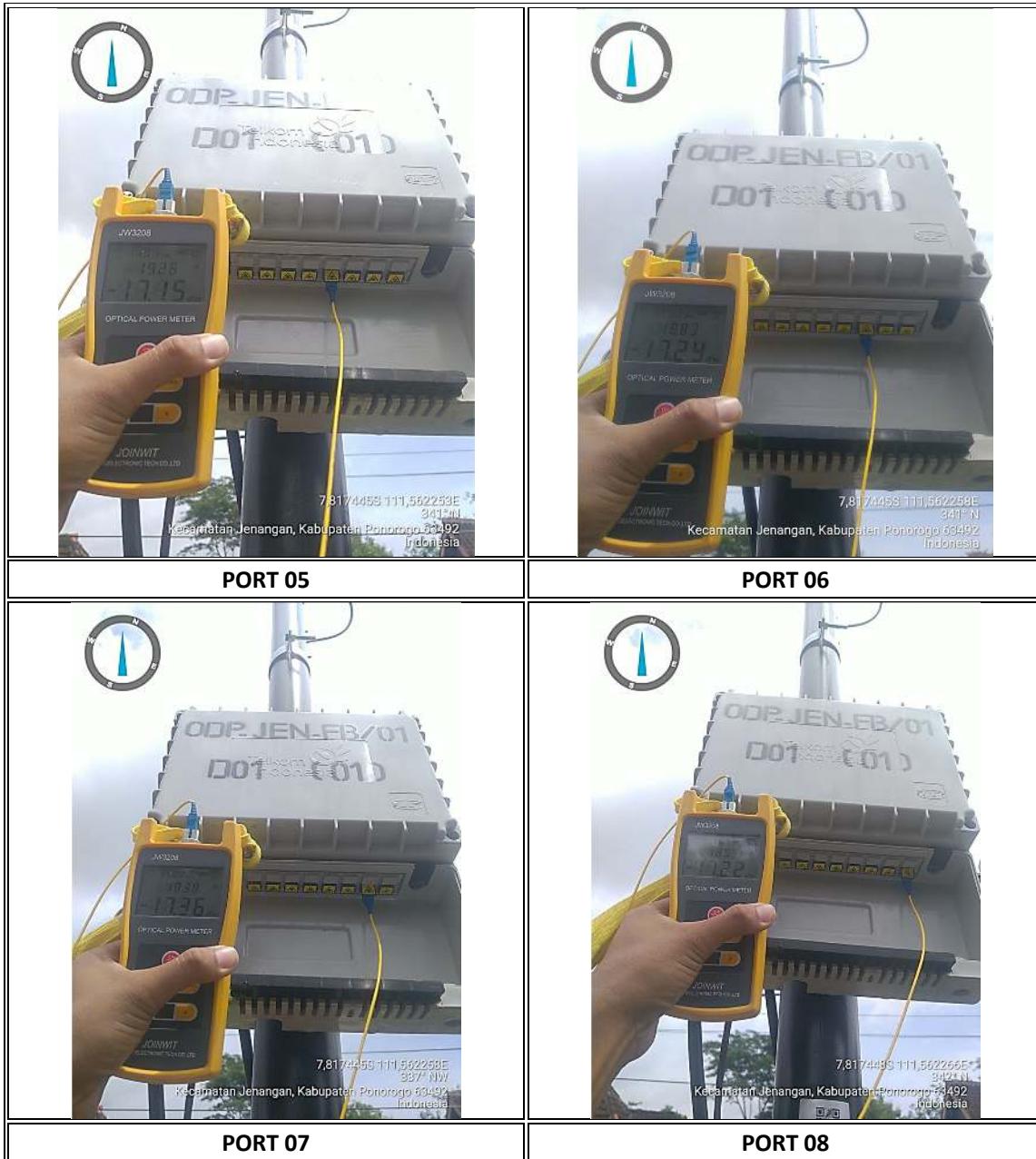
EVIDENCE PORT ODP-JEN-FB/01

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



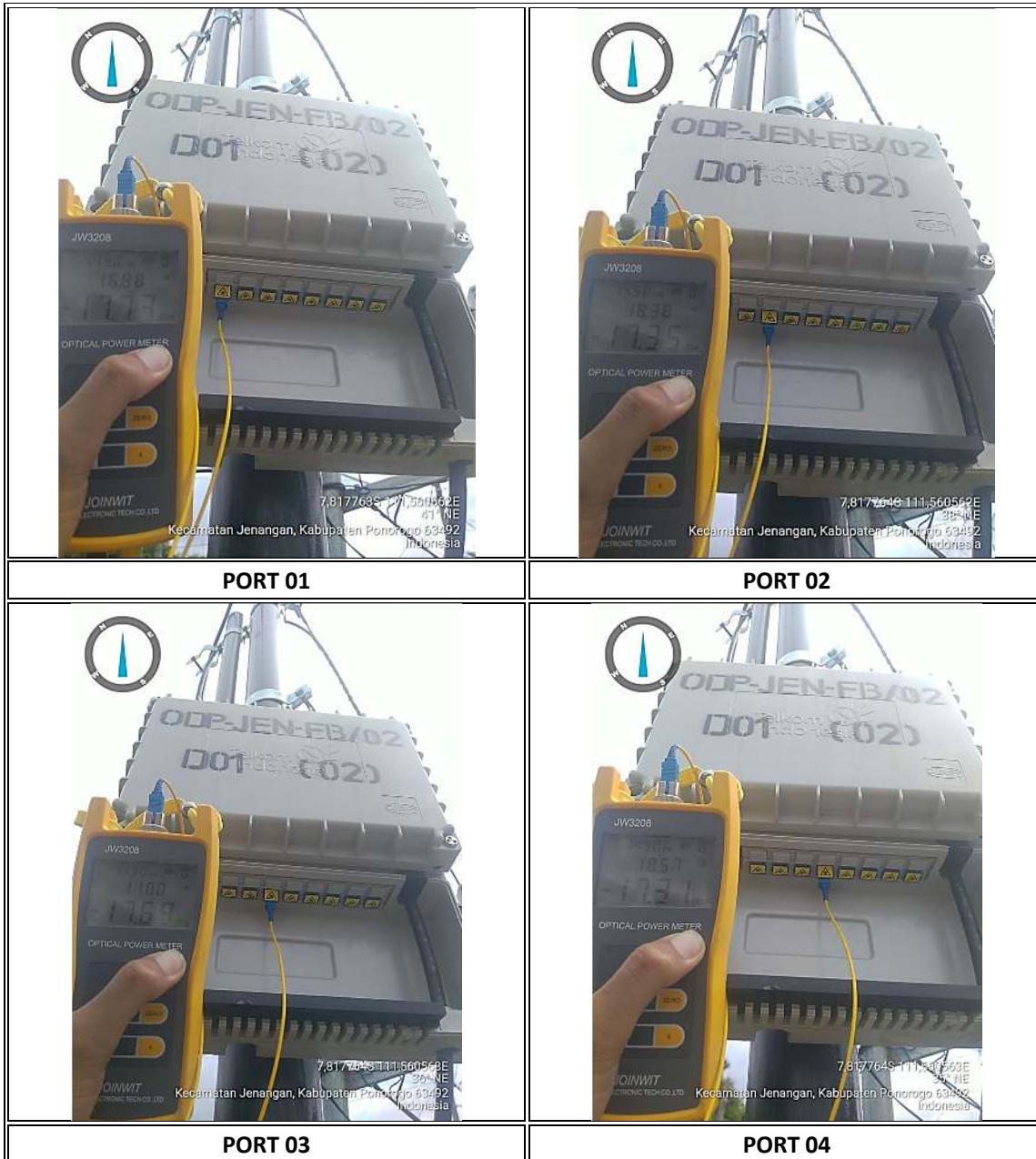
EVIDENCE PORT ODP-JEN-FB/01

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



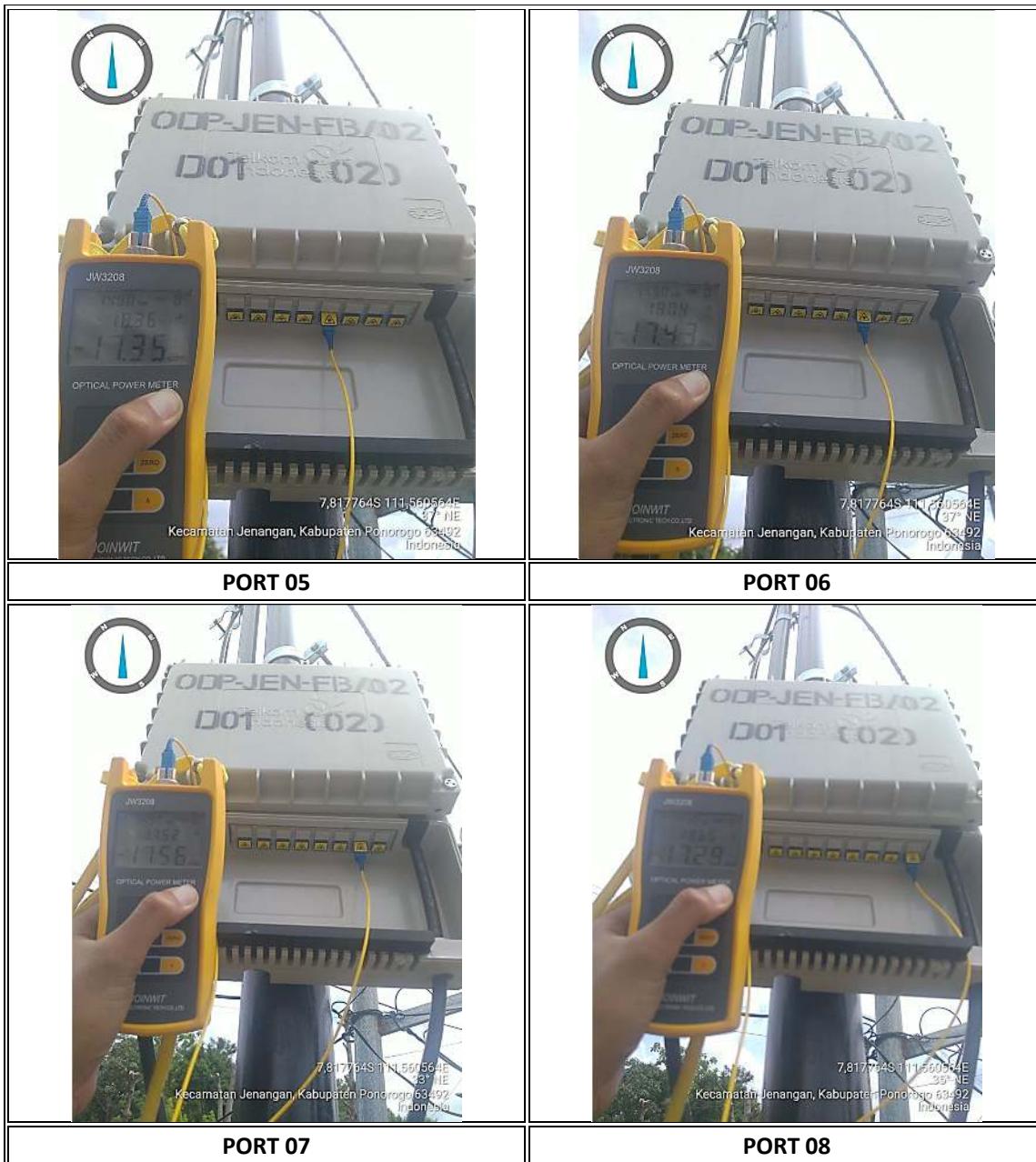
EVIDENCE PORT ODP-JEN-FB/02

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



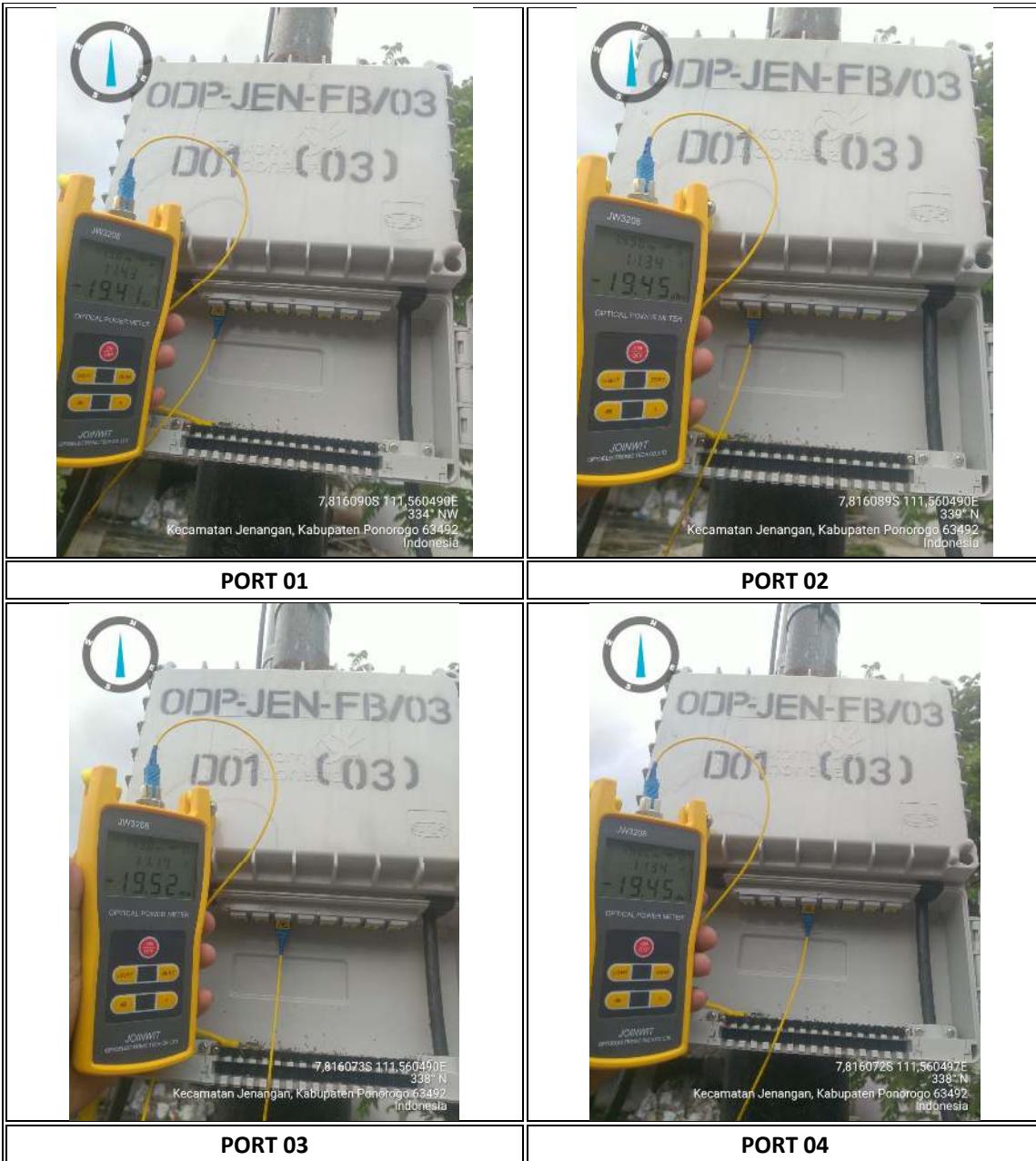
EVIDENCE PORT ODP-JEN-FB/02

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



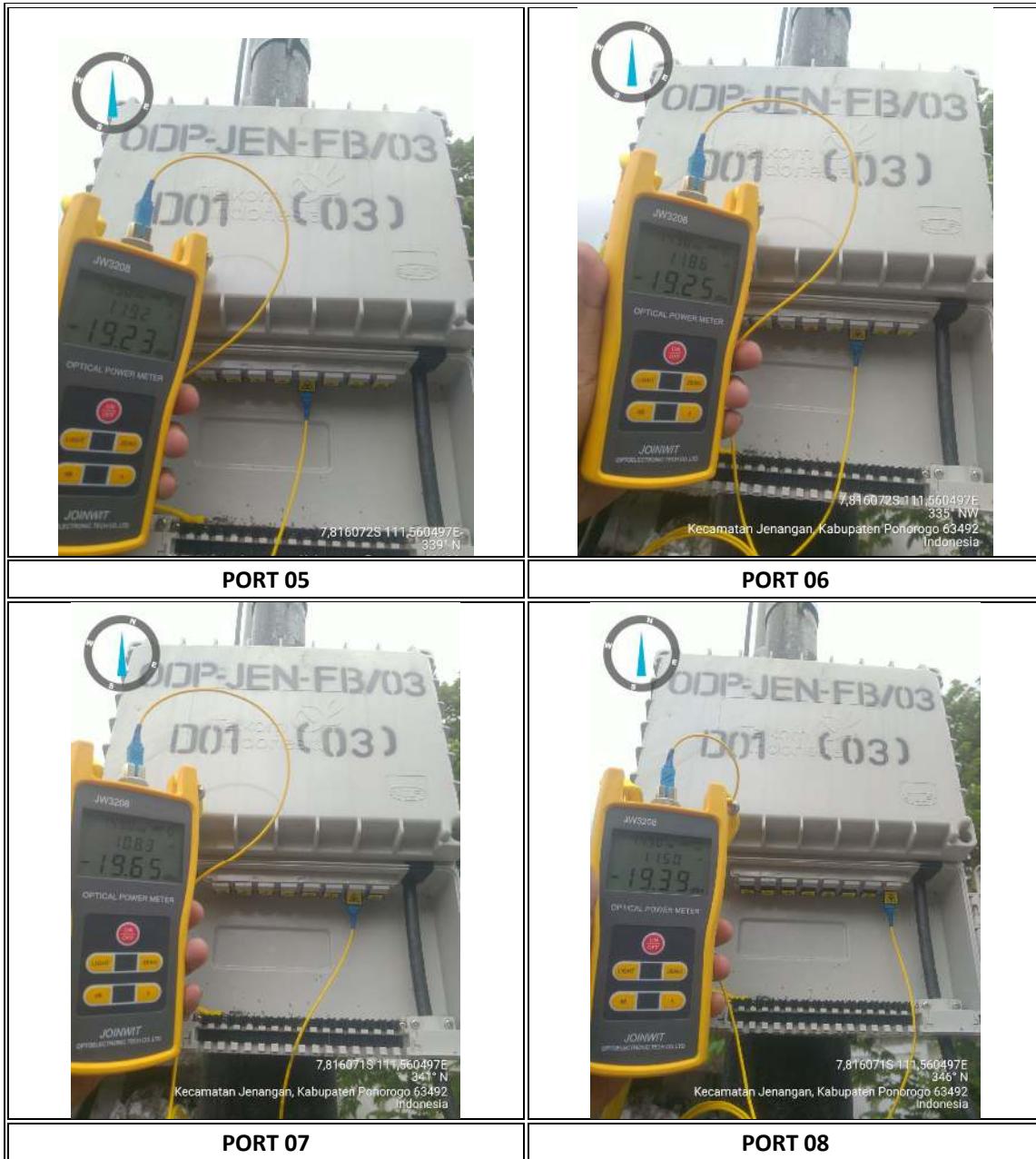
EVIDENCE PORT ODP-JEN-FB/03

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/03

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



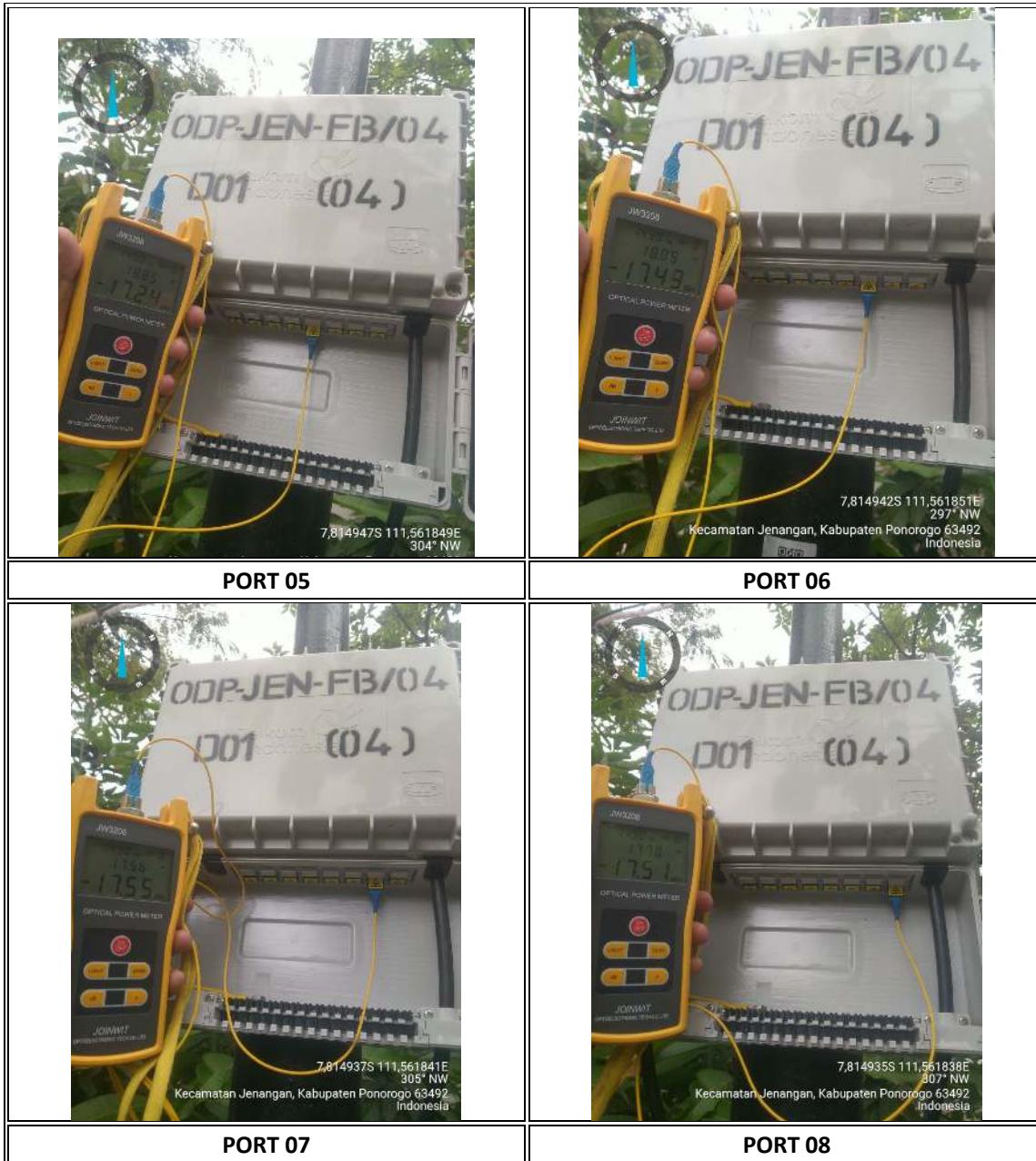
EVIDENCE PORT ODP-JEN-FB/04

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



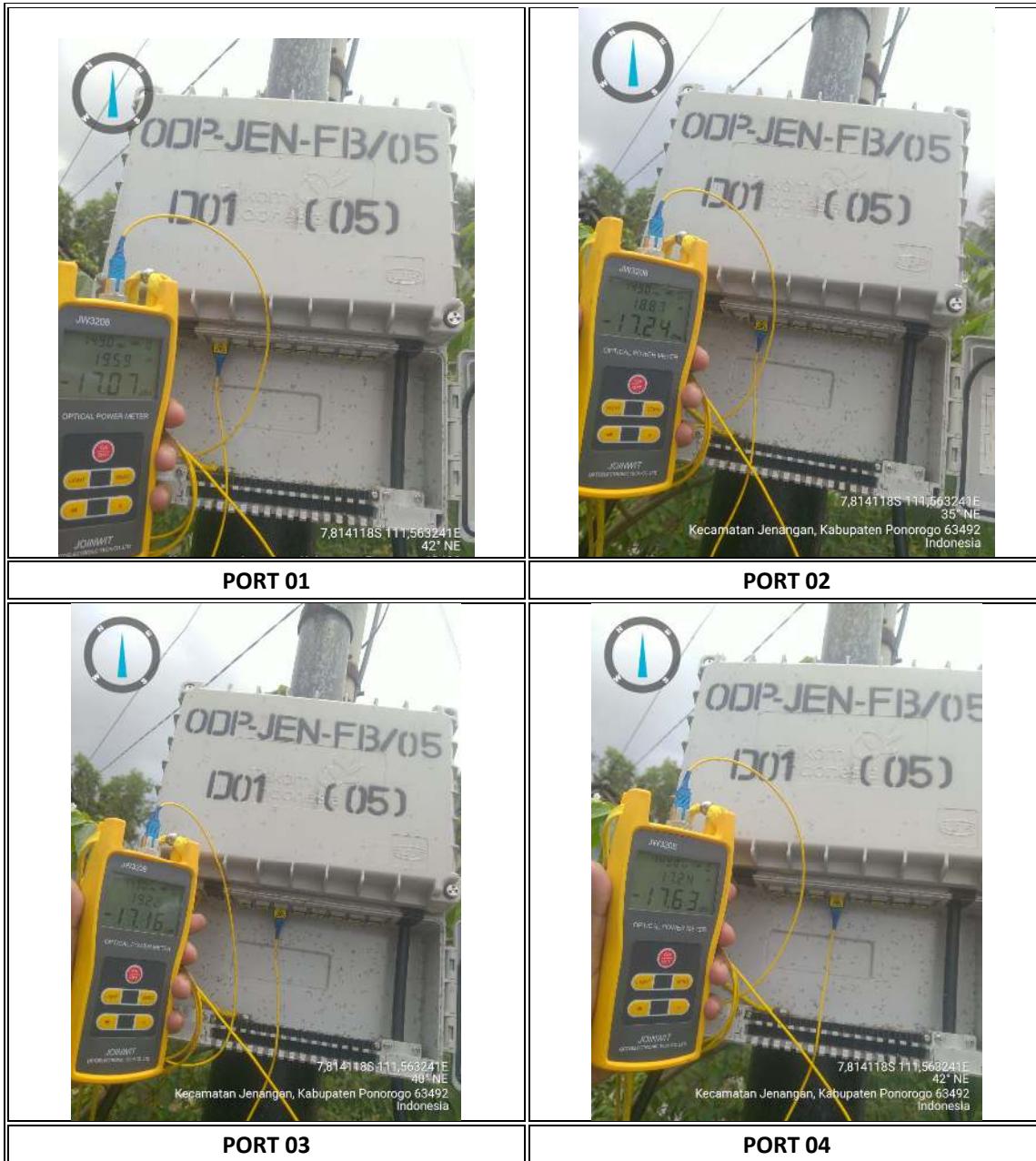
EVIDENCE PORT ODP-JEN-FB/04

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



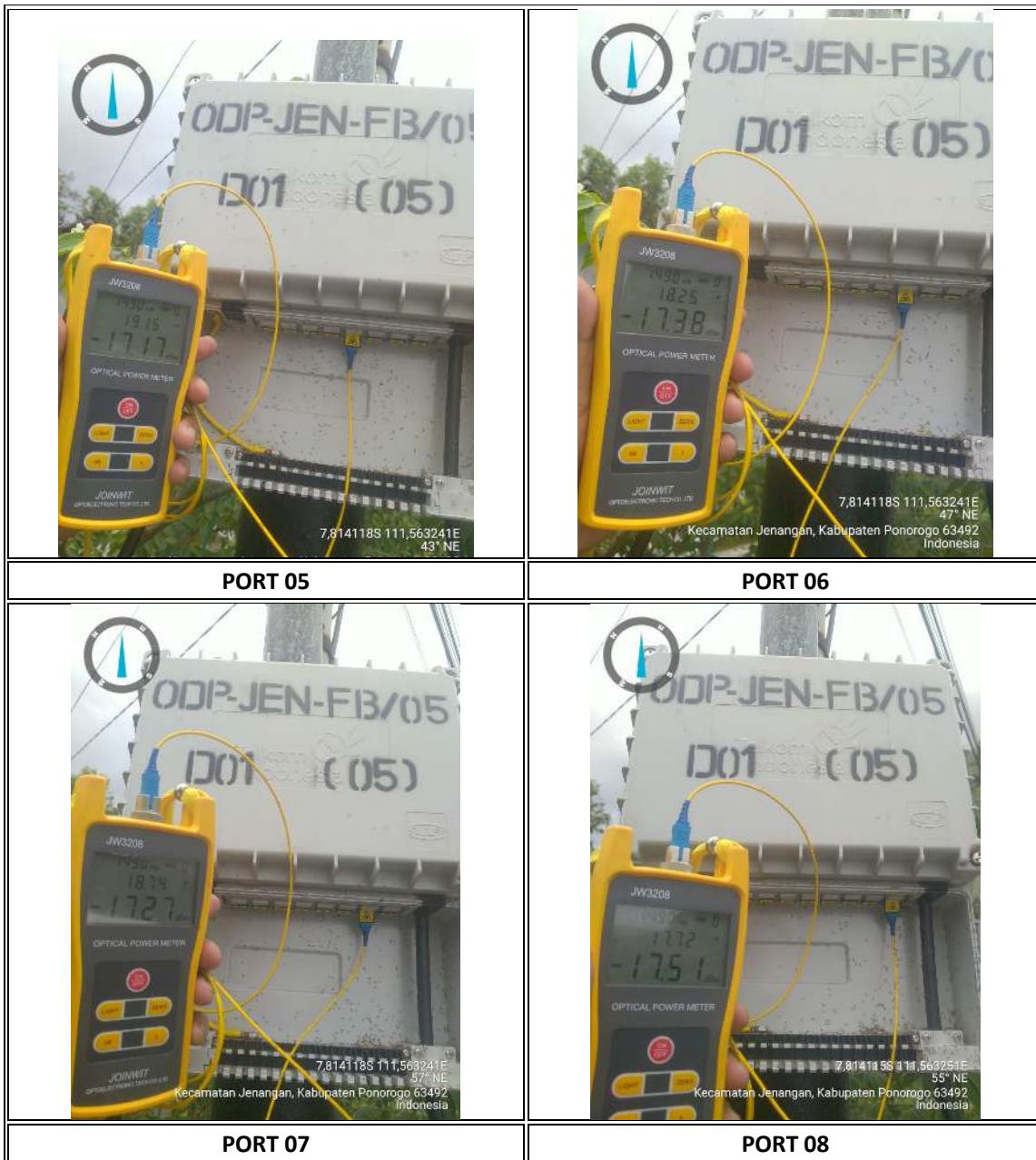
EVIDENCE PORT ODP-JEN-FB/05

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



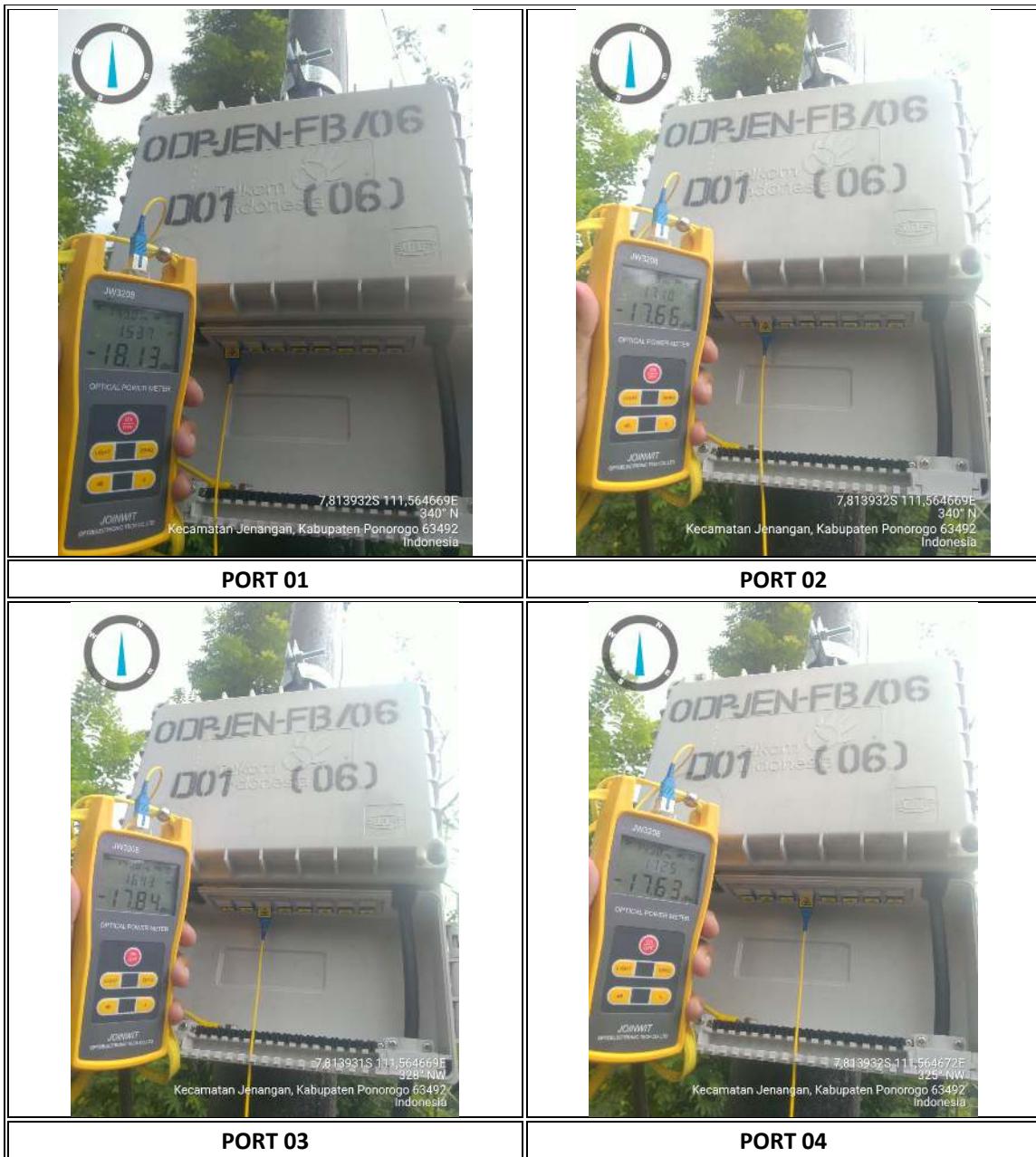
EVIDENCE PORT ODP-JEN-FB/05

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



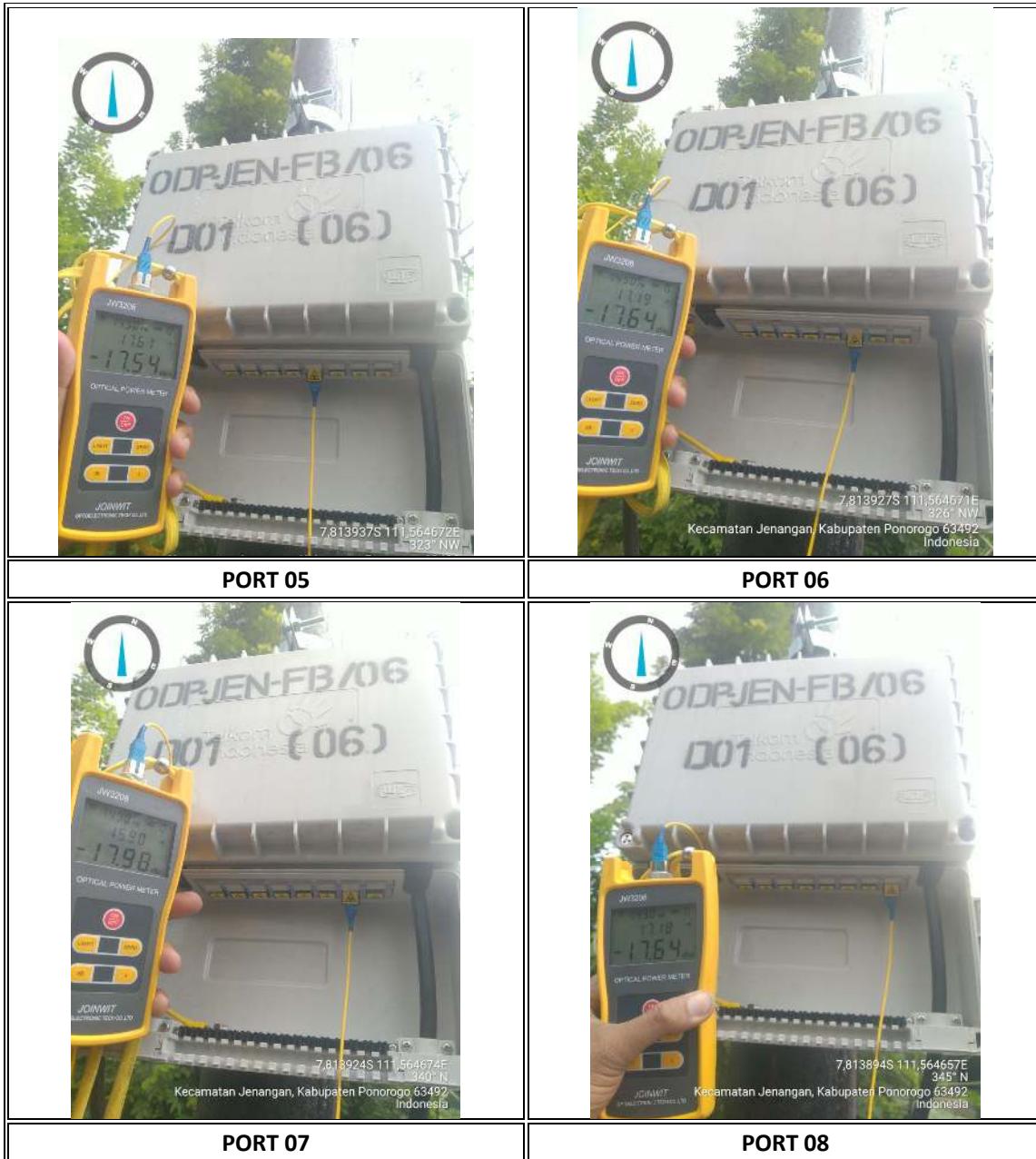
EVIDENCE PORT ODP-JEN-FB/06

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/06

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/07

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/07

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/08

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



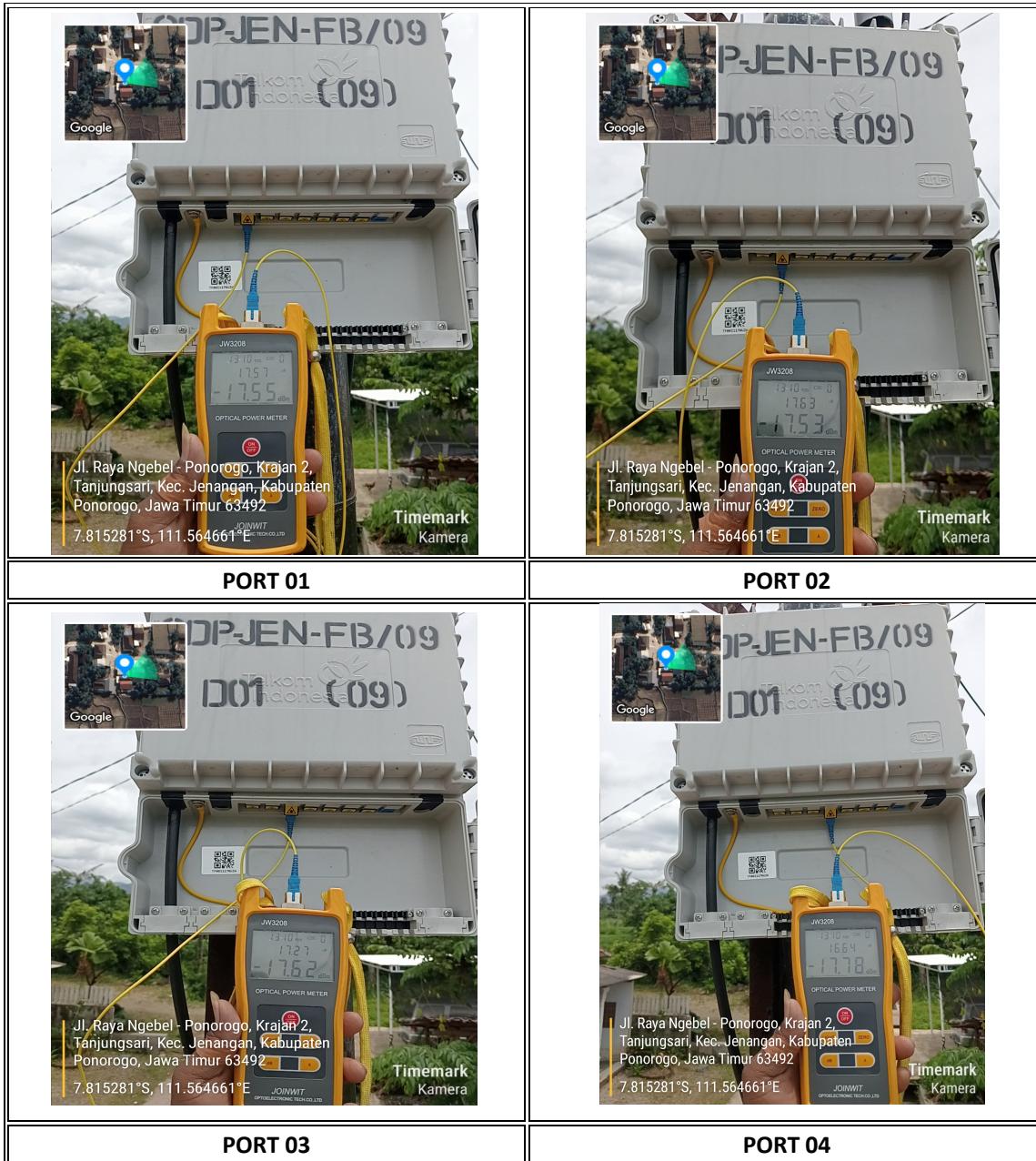
EVIDENCE PORT ODP-JEN-FB/08

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/09

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



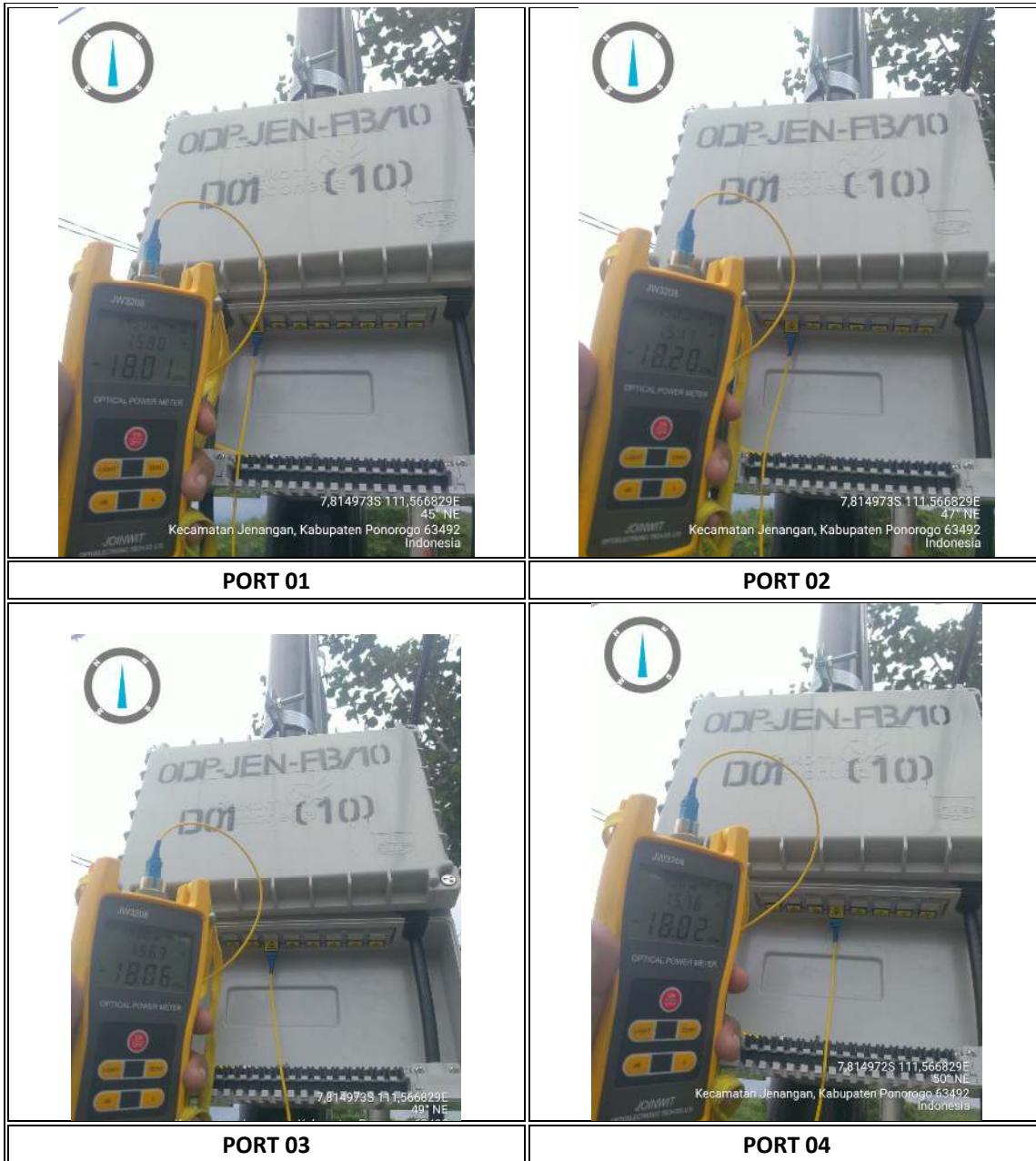
EVIDENCE PORT ODP-JEN-FB/09

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



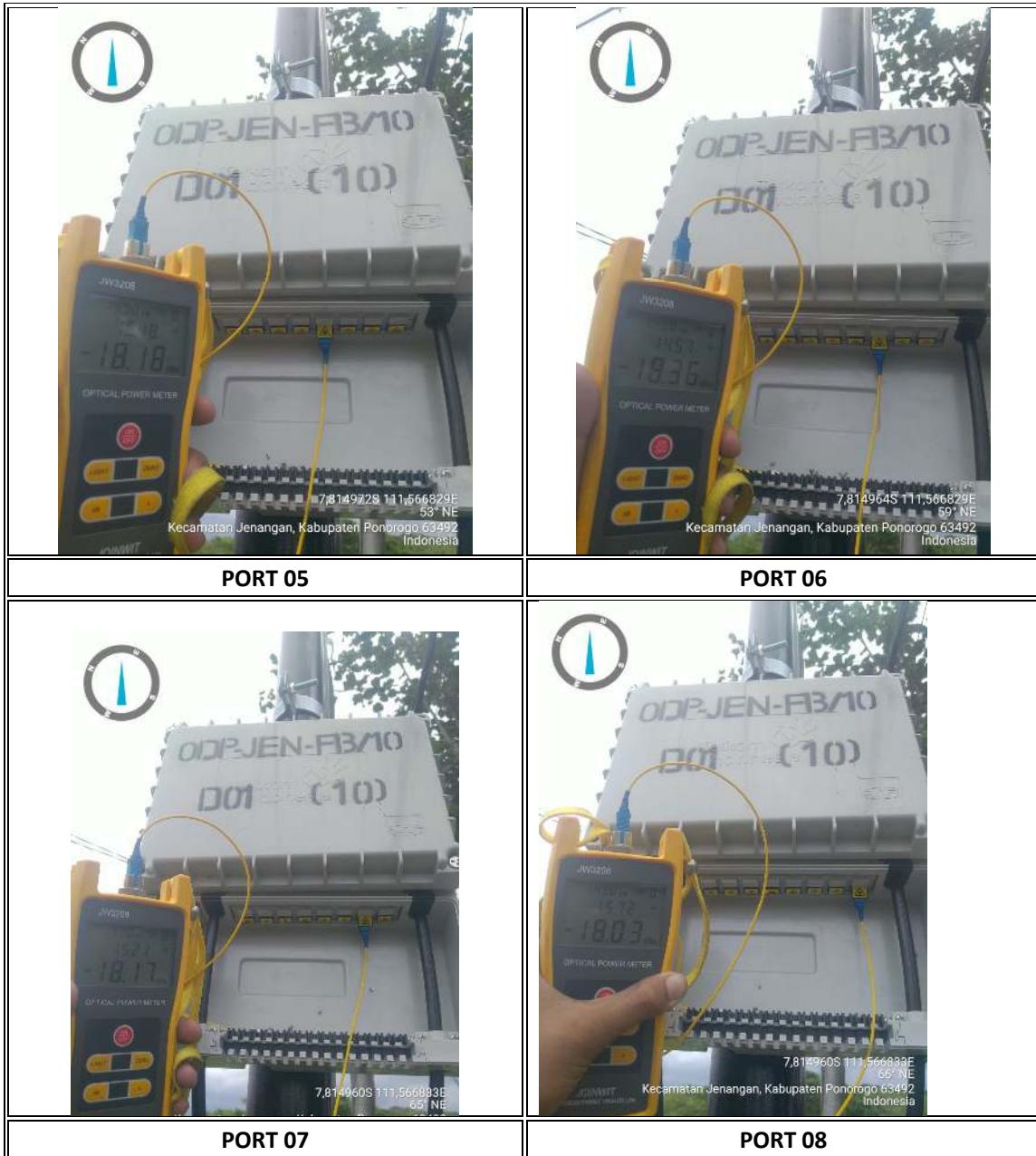
EVIDENCE PORT ODP-JEN-FB/10

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PORT ODP-JEN-FB/10

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE TIANG PU-S7.0-400NM

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

 <p>7,8140S 111,5668E Tanjungsari Kecamatan Jenangan Kabupaten Ponorogo Jawa Timur</p>	 <p>7,8143S 111,5668E Tanjungsari Kecamatan Jenangan Kabupaten Ponorogo Jawa Timur Altitude:301.0m Speed:10.9km/h</p>
<p>TIANG 01</p>  <p>7,8146S 111,5668E Tanjungsari Kecamatan Ponorogo Kabupaten Ponorogo Jawa Timur Altitude:301.9m Speed:8.5km/h</p>	<p>TIANG 02</p>  <p>7,8150S 111,5668E Tanjungsari Kecamatan Ponorogo Kabupaten Ponorogo Jawa Timur Altitude:300.9m Speed:8.4km/h</p>
<p>TIANG 03</p>	<p>TIANG 04</p>

EVIDENCE TIANG PU-S7.0-400NM

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

	
TIANG 05	TIANG 06
	
TIANG 07	TIANG 08

EVIDENCE TIANG PU-S7.0-400NM

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

	
TIANG 09	TIANG 10
	
TIANG 11	TIANG 12

EVIDENCE TIANG PU-S7.0-400NM

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

	
TIANG 13	TIANG 14
	
TIANG 15	TIANG 16

7,8152S 111,5650E
Jalan Raya Ngobel - Ponorogo
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:287.6m
Speed:8.4km/h

7,8152S 111,5653E
Jalan Raya Ngobel - Ponorogo
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:284.3m
Speed:7.5km/h

7,8152S 111,5650E
Jalan Raya Ngobel - Ponorogo
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:290.2m
Speed:8.7km/h

7,8176S 111,5593E
Jalan Raya Jenangan
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:253.6m
Speed:0.0km/h

EVIDENCE TIANG PU-S7.0-400NM

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

	
TIANG 17	TIANG 18
	
TIANG 19	TIANG 20

EVIDENCE TIANG PU-S7.0-400NM

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES

	
TIANG 21	TIANG 22
	
TIANG 23	TIANG 24

7,8176S 111,5615E
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:278.4m
Speed:1.3km/h

7,8176S 111,5617E
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:277.8m
Speed:3.9km/h

7,8175S 111,5623E
Jalan Jogo Rogo
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:273.2m
Speed:0.1km/h

7,8178S 111,5602E
Jalan Raya Ngobel - Ponorogo
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:265.0m
Speed:1.3km/h

EVIDENCE TIANG PU-S7.00-140

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE HH ODC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENT HDPE

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE GROUNDING ODP ODP-JEN-FB/01

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



FORM GROUNDING ODP-JEN-FB/01 DISTRIBUSI 01

PROYEK	:	SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	:	K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	:	K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	:	JATIM BARAT
LOKASI	:	JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	:	PT. TELKOM AKSES

NO	ITEM PEKERJAAN	Hasil Pemeriksaan		KETERANGAN
		BAIK	TIDAK BAIK	
A	Pengukuran Grounding			
1	Sumber Grounding pada Rod	= _____ Ohm		
2	Sumber Grounding pada ODC	= _____ Ohm		
3	Sumber Grounding pada Perangkat	= _____ Ohm		
4	Sumber Grounding Existing	= _____ Ohm		
5	Sebelum Integrasi	= _____ Ohm		
6	Setelah Integrasi	= 2.88 Ohm		Total Hasil Pengukuran setelah integrasi = 2.88 Ohm
B	Keterangan			Kesimpulan Hasil Ukur : DITERIMA/DITOLAK
	a. Maksimum pengukuran < atau = 1 ohm			
	b. Alat Ukur			
	Merk= _____			
	Model= _____			
	Cuaca= _____			

PONOROGO, 10 Januari 2025
PT. TELKOM AKSES :

PT. TELKOM INFRASTRUKTUR :

SUPERVISOR TIF

FIRMANSYAH KURNIA AURIN
NIK. 930339

ELISSA DELLA R. P
NIK. 945308

EVIDENCE GROUNDING ODC ODC-JEN-FB

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



FORM GROUNDING ODC-JEN-FB

PROYEK	:	SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	:	K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	:	K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	:	JATIM BARAT
LOKASI	:	JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	:	PT. TELKOM AKSES

NO	ITEM PEKERJAAN	Hasil Pemeriksaan		KETERANGAN
		BAIK	TIDAK BAIK	
A	Pengukuran Grounding			
1	Sumber Grounding pada Rod	= _____ Ohm		
2	Sumber Grounding pada ODC	= _____ Ohm		
3	Sumber Grounding pada Perangkat	= _____ Ohm		
4	Sumber Grounding Existing	= _____ Ohm		
5	Sebelum Integrasi	= _____ Ohm		
6	Setelah Integrasi	= 0.12 Ohm		Total Hasil Pengukuran setelah integrasi = 0,12 Ohm
B	Keterangan			Kesimpulan Hasil Ukur : DITERIMA/DITOLAK
	a. Maksimum pengukuran < atau = 1 ohm			
	b. Alat Ukur			
	Merk= _____			
	Model= _____			
	Cuaca= _____			

PONOROGO, 10 Januari 2025
PT. TELKOM AKSES :

PT. TELKOM INFRASTRUKTUR :

SUPERVISOR TIF

FIRMANSYAH KURNIA AURIN
NIK. 930339

ELISSA DELLA R. P
NIK. 945308

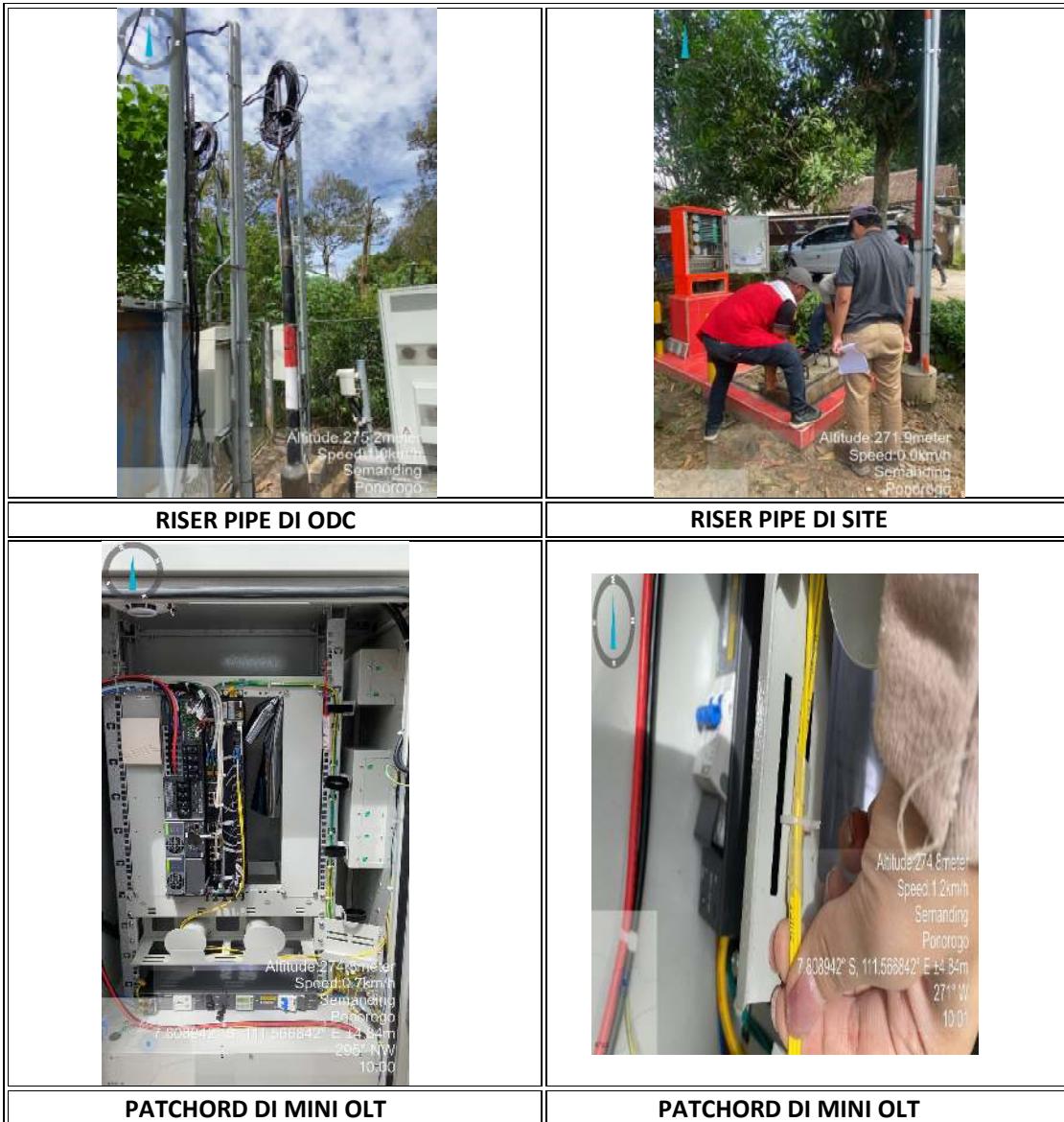
EVIDENCE PS-1-4-ODC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE RISER PIPE DAN PATCHORD

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



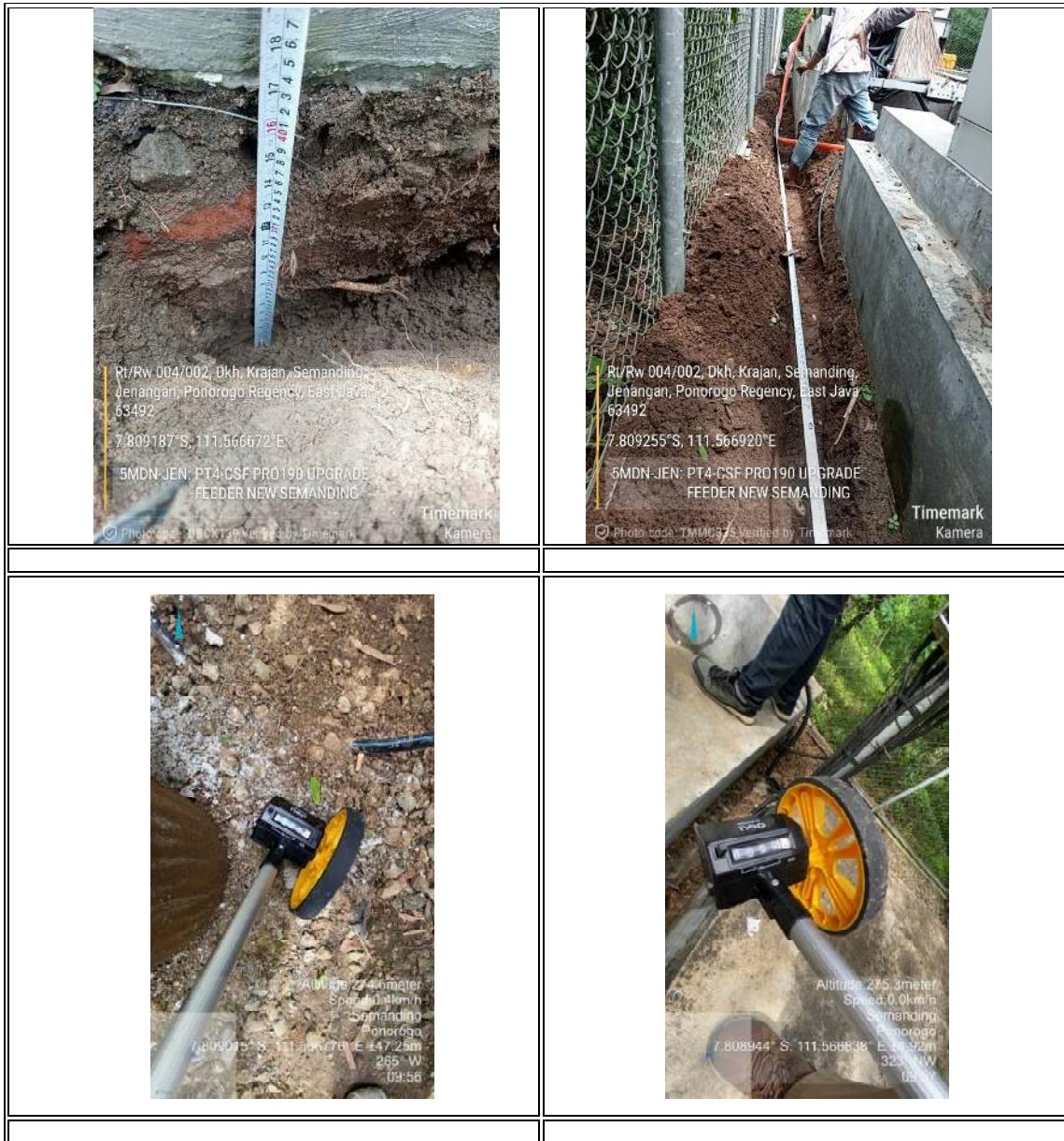
EVIDENCE SLACK SUPPORT DAN JOINT CLOSURE

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE GALIAN DAN CONDUIT

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



7,8138S 111,5668E
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:335.8m
Speed:1.4km/h

7,8138S 111,5668E
Tanjungsari
Kecamatan Jenangan
Kabupaten Ponorogo
Jawa Timur
Altitude:333.3m
Speed:0.0km/h

3

4

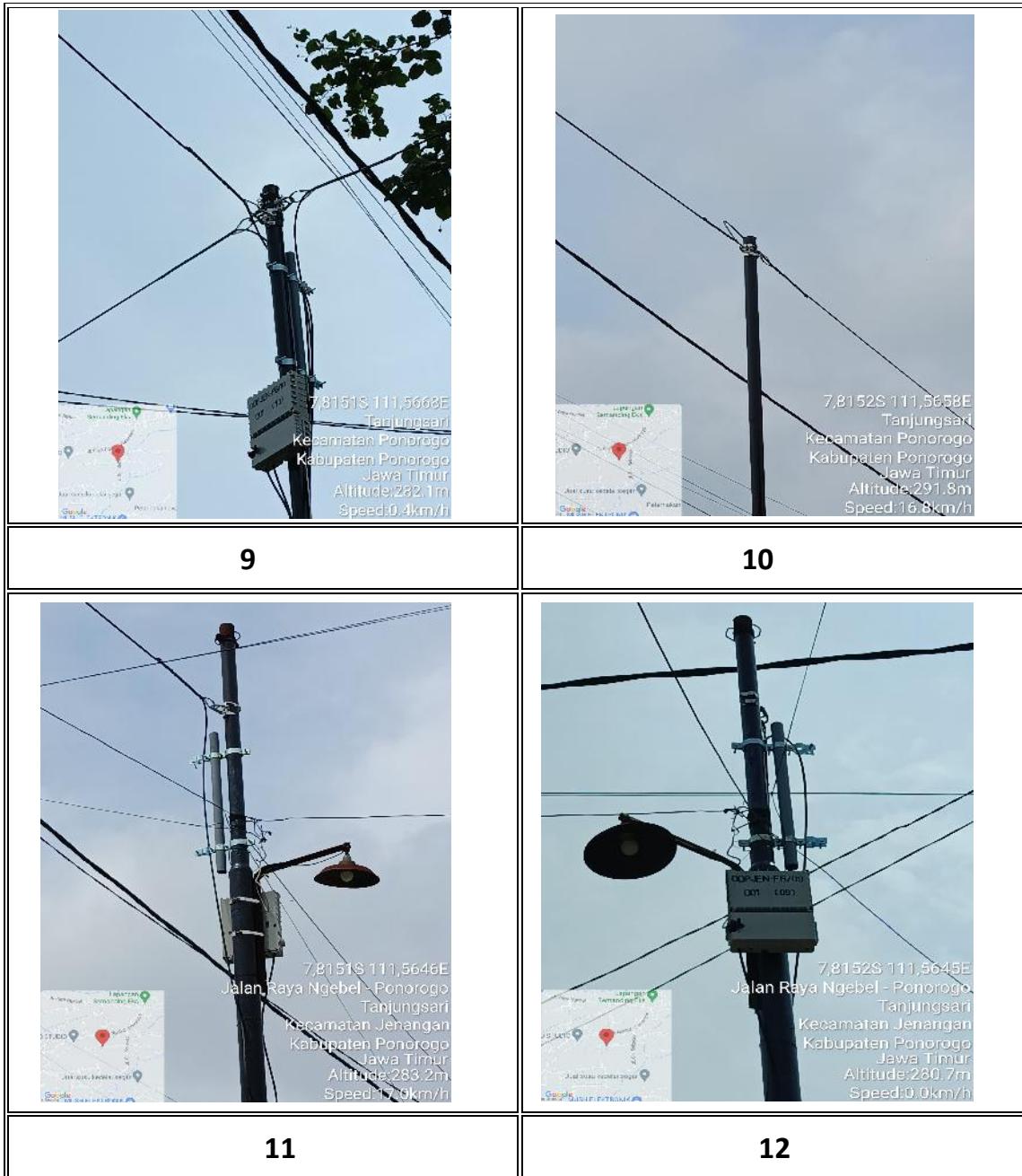
EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



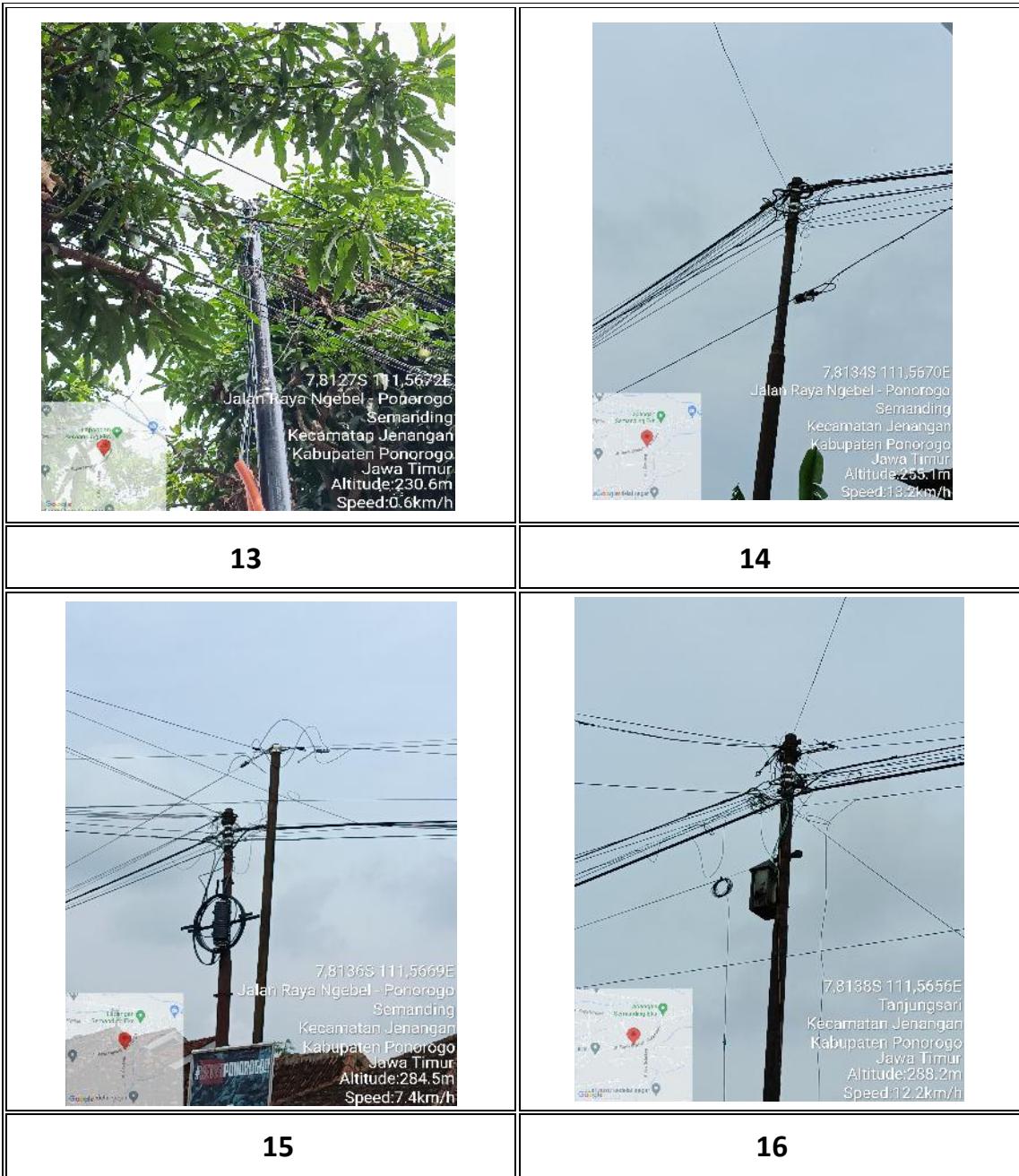
EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



17

18

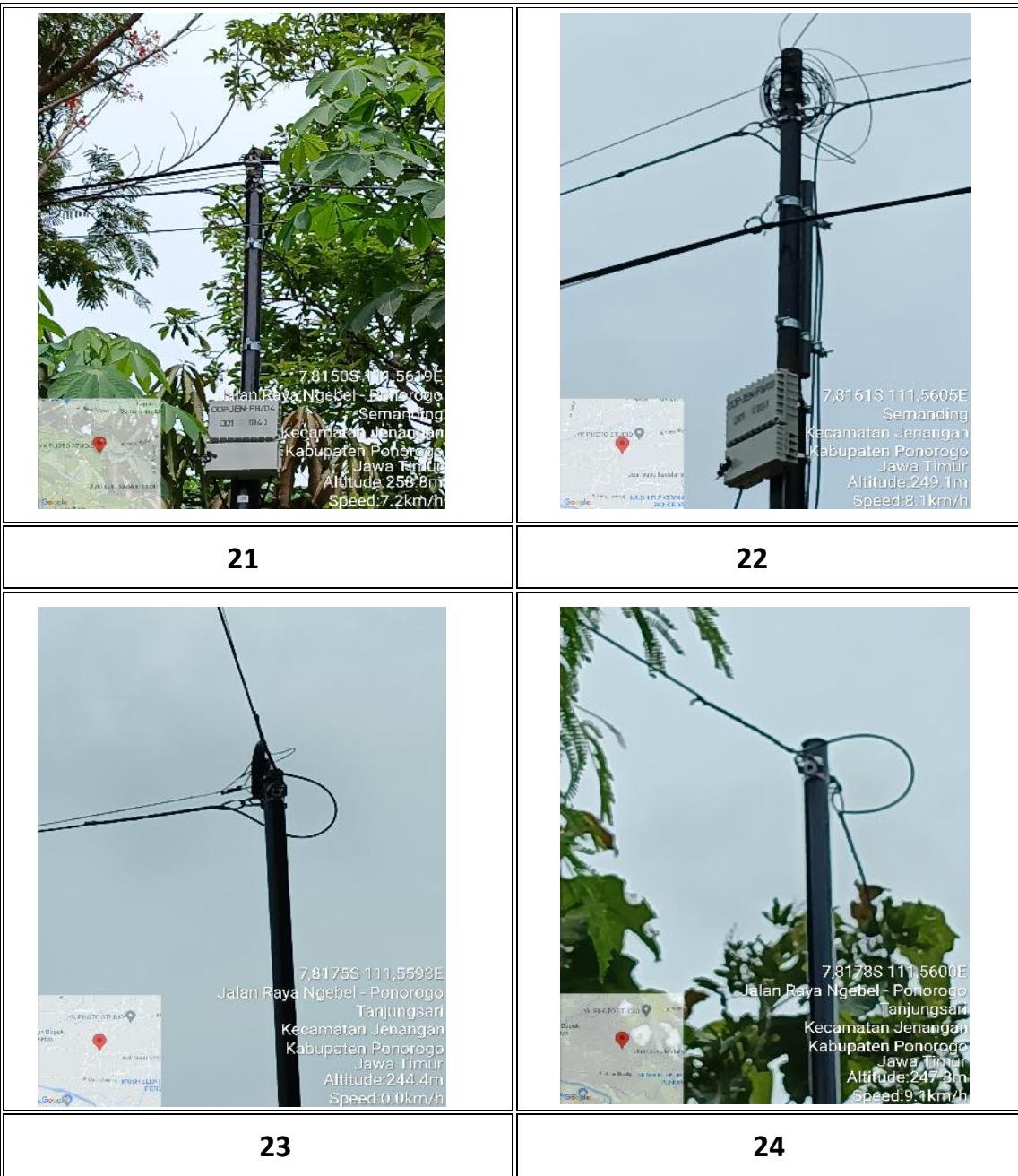


19

20

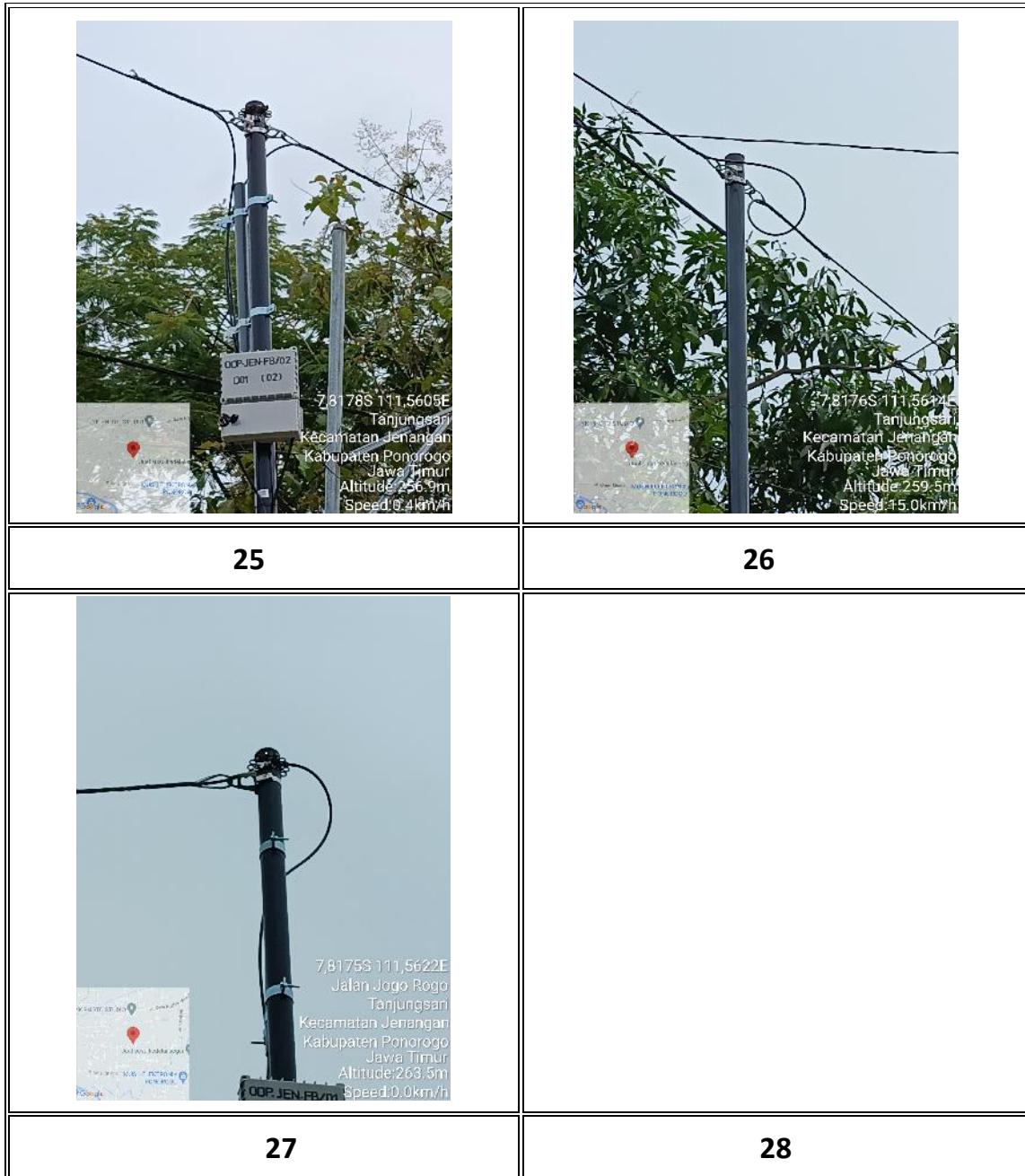
EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



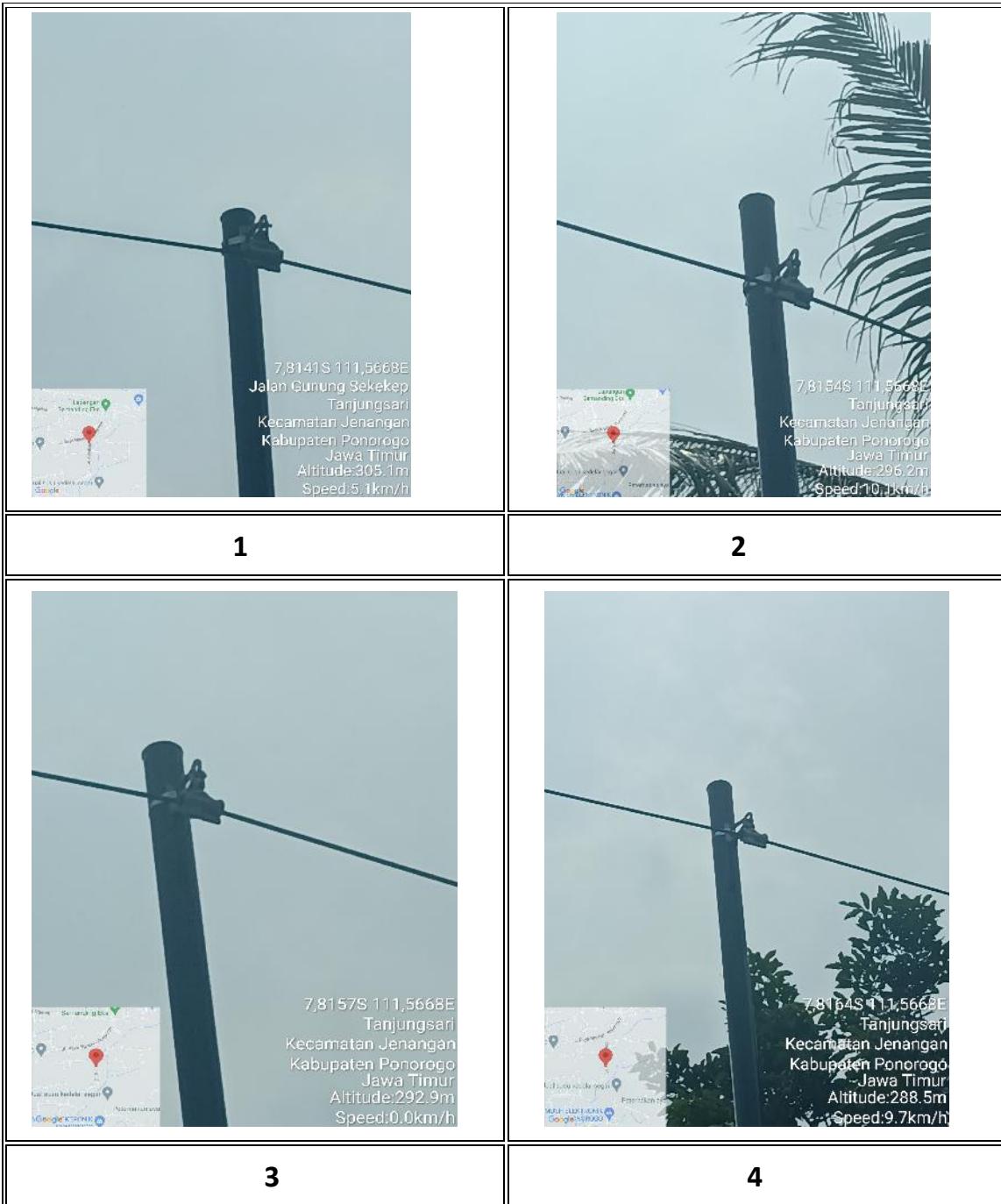
EVIDENCE PU-AS-HL

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



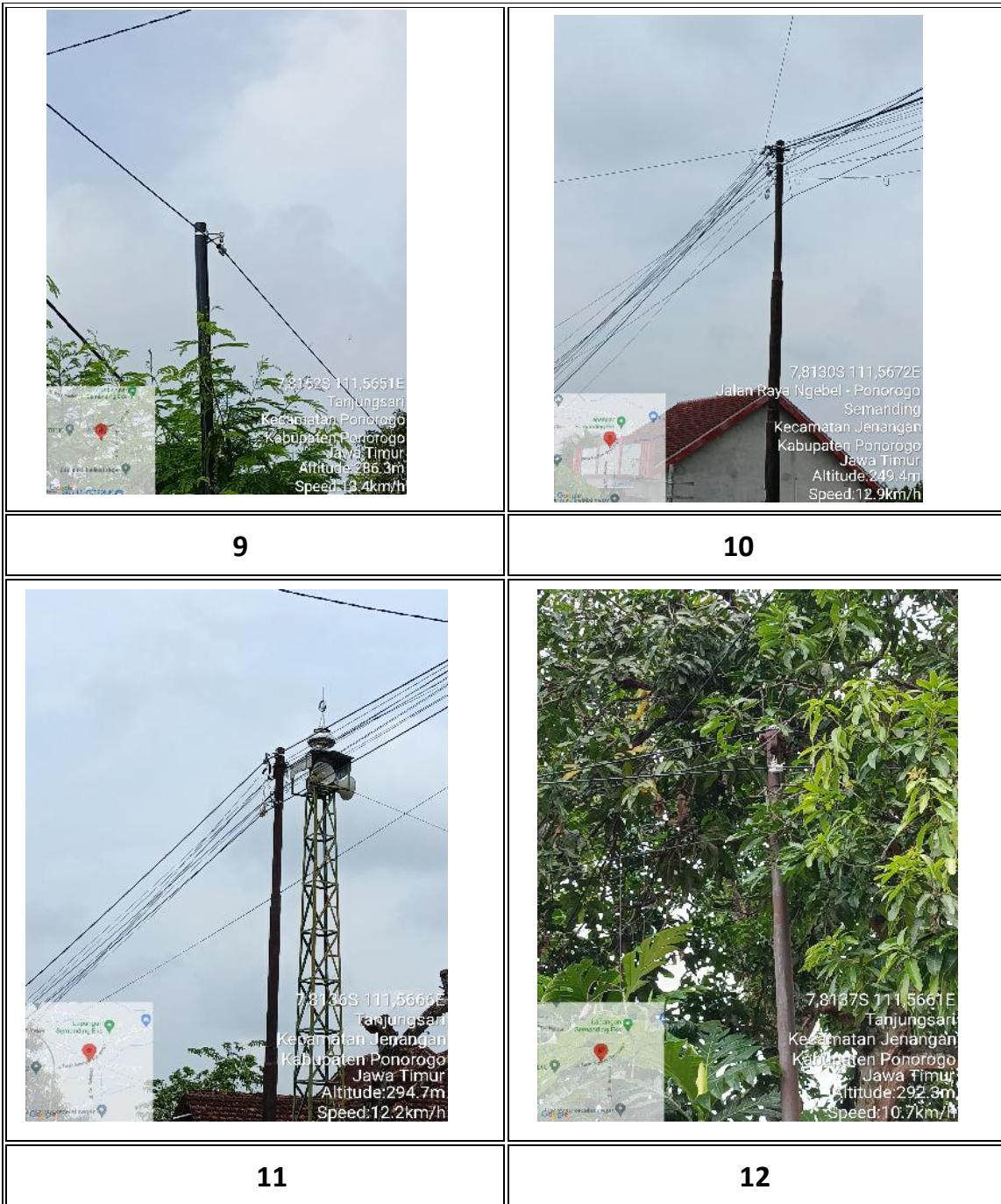
EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



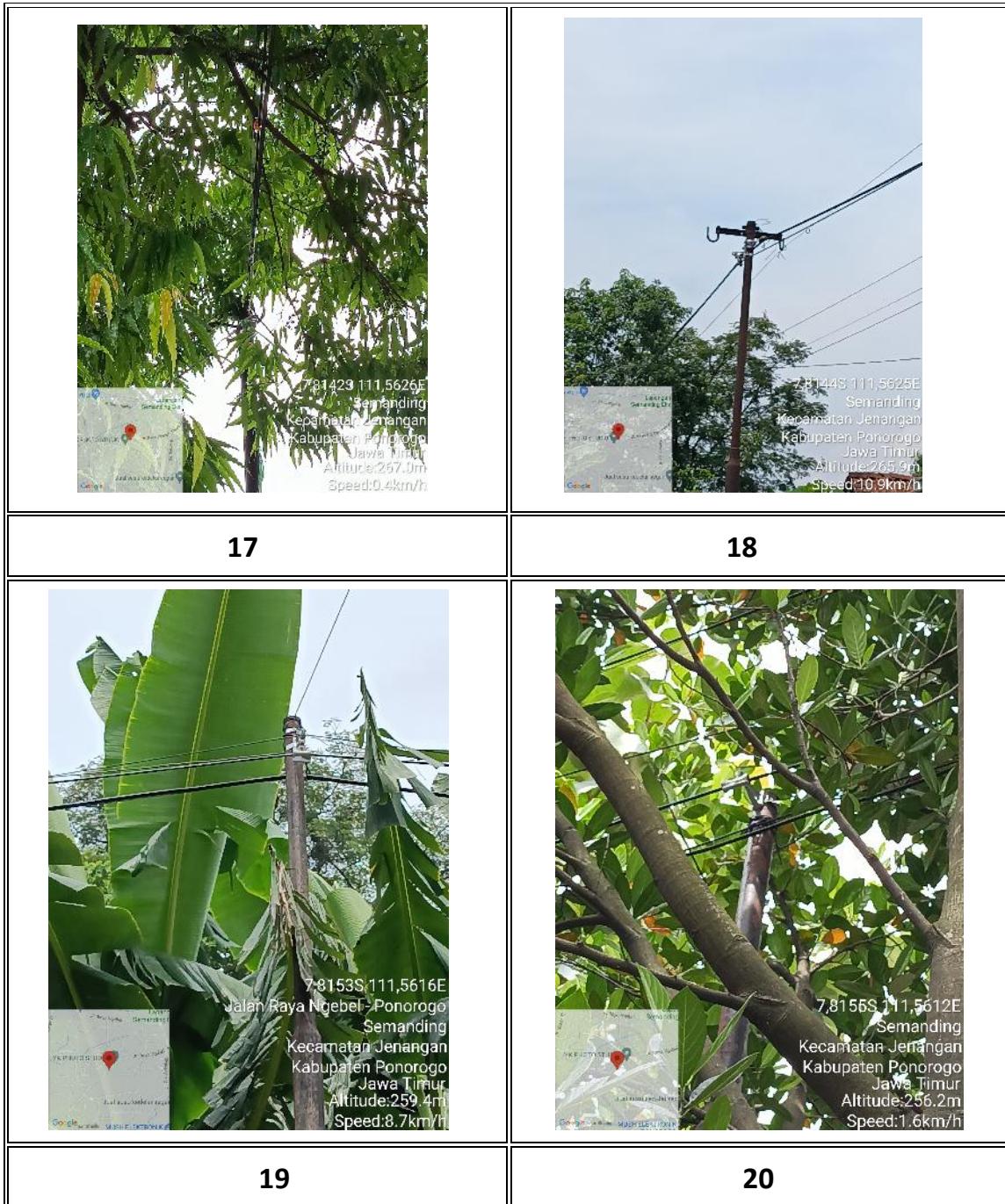
EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



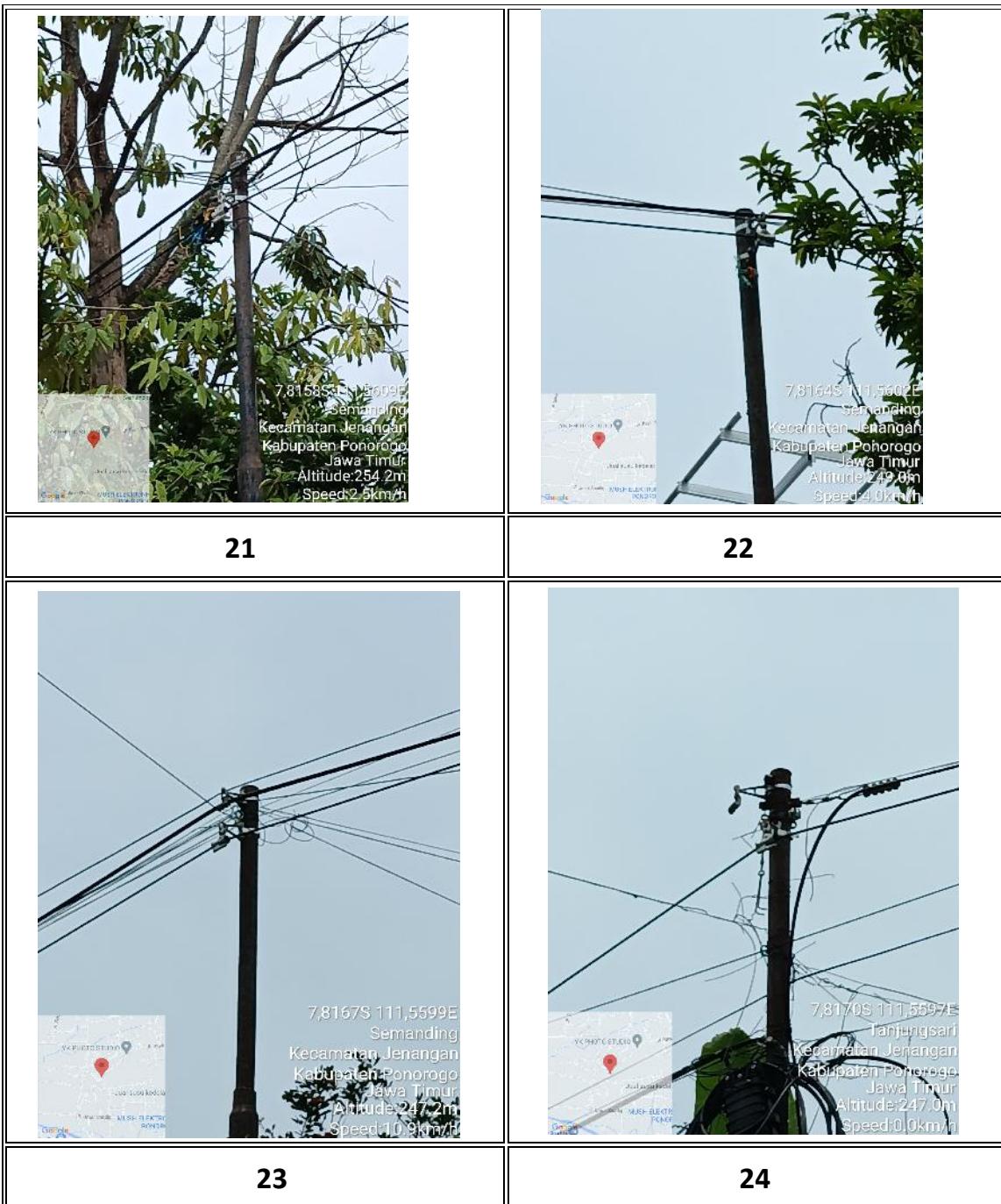
EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



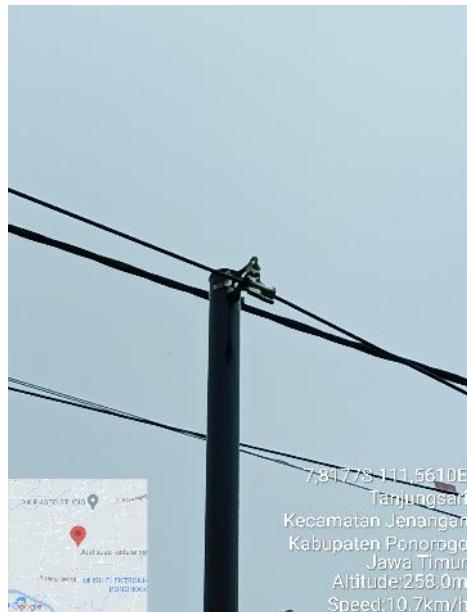
EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-1000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A020000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



25

26



27

28

EVIDENCE PU-AS-SC

PROYEK	: SURAT PESANAN-39 (SP#39) PENGADAAN DAN PEMASANGAN OSP FTTH PT3 FEEDER TAHAP-1 2024
KONTRAK	: K.TEL.025/HK.810/OPS-10000000/2021 Tanggal 13 September 2021
SURAT PESANAN	: K.TEL.004224/HK.810/GPP-A0200000/2024 Tanggal 05 September 2024
WITEL	: JATIM BARAT
LOKASI	: JENANGAN [5MDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]
PELAKSANA	: PT. TELKOM AKSES



OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:48:55
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

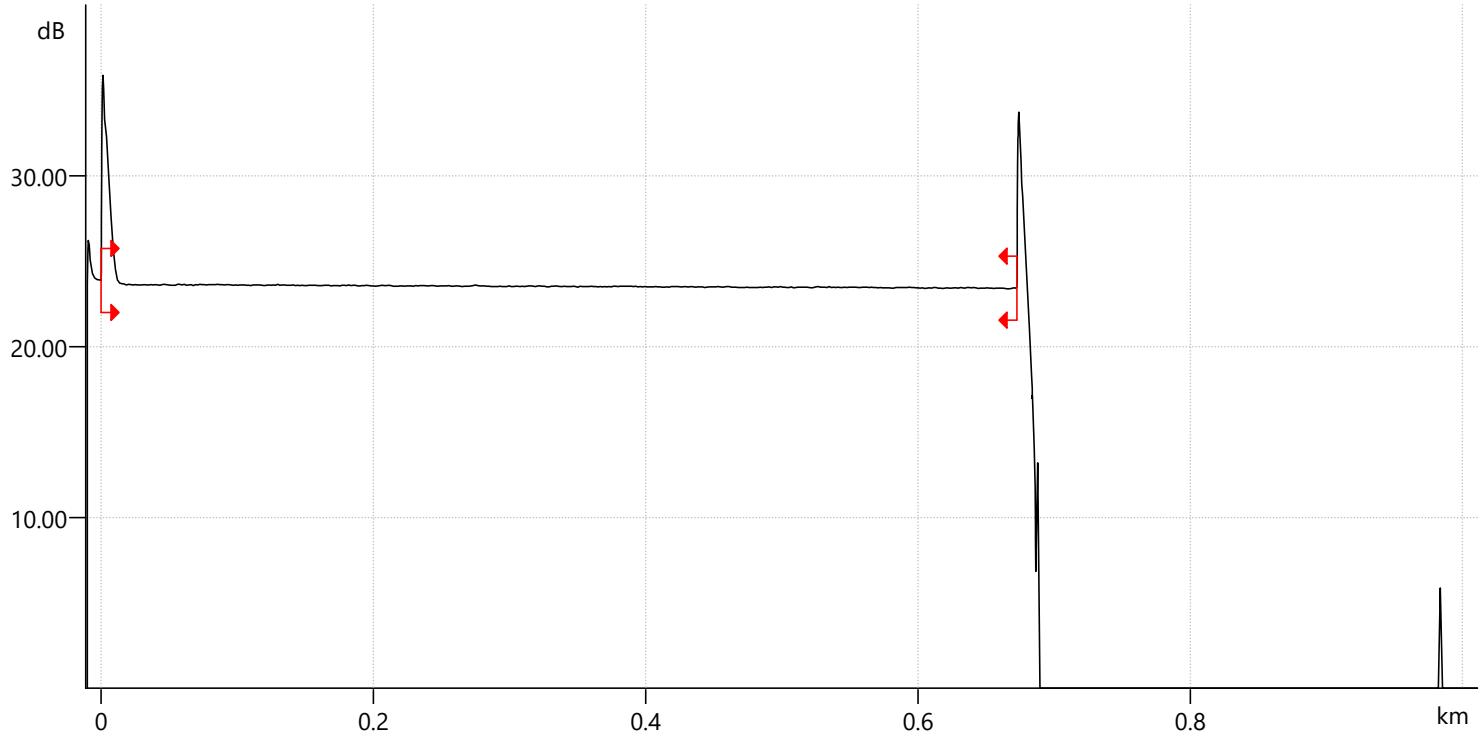
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_01.sor

Job Name:

Summary

Fiber Length: 0.673 km
Attenuation: 0.318 dB/km
Total Loss: 0.214 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.236	-47.518	- - -
2	End	0.673	23.417	-50.950	- - -

OTDR Report

Parameters

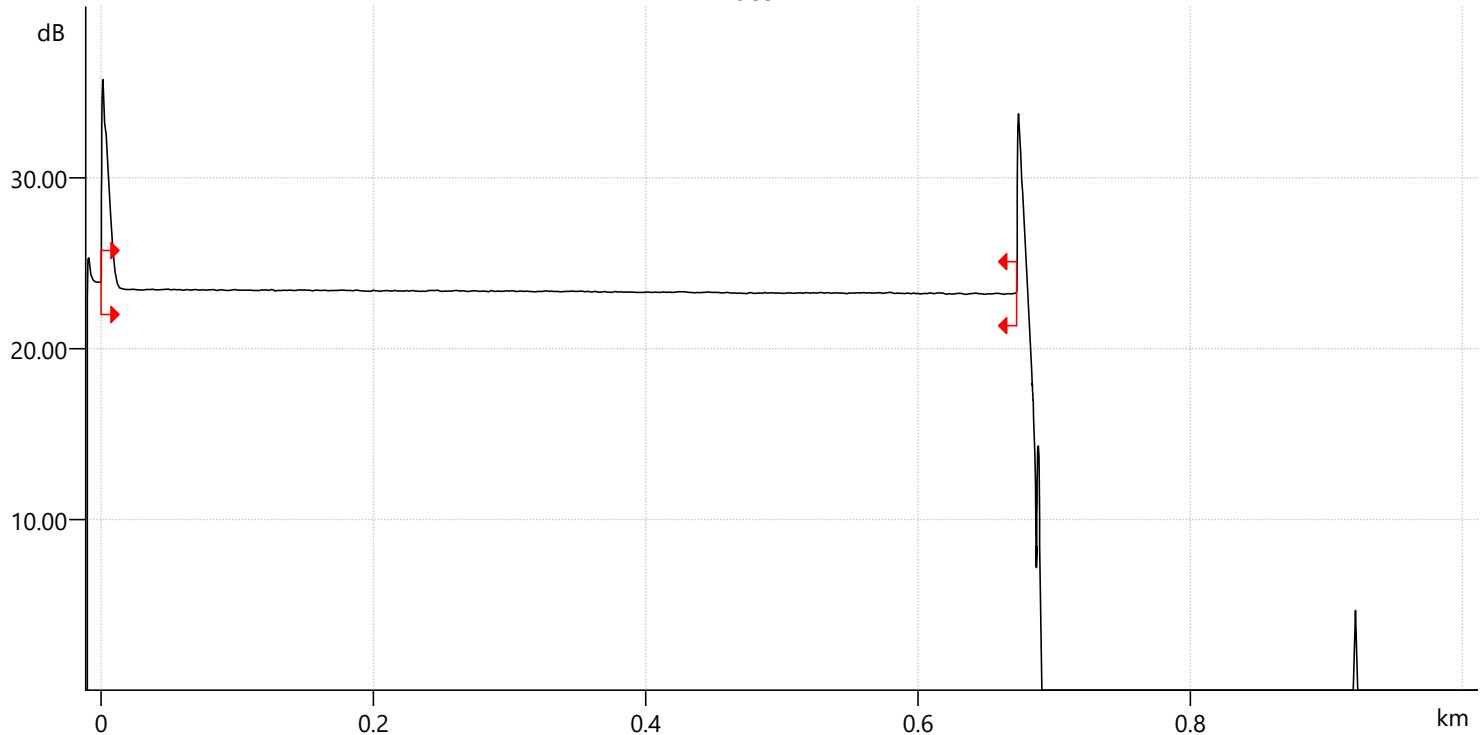
Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:49:39
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

Job Name:

Summary

Fiber Length: 0.673 km
Attenuation: 0.397 dB/km
Total Loss: 0.267 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.404	-47.548	- - -
2	End	0.673	3.000	-50.497	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:50:49
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

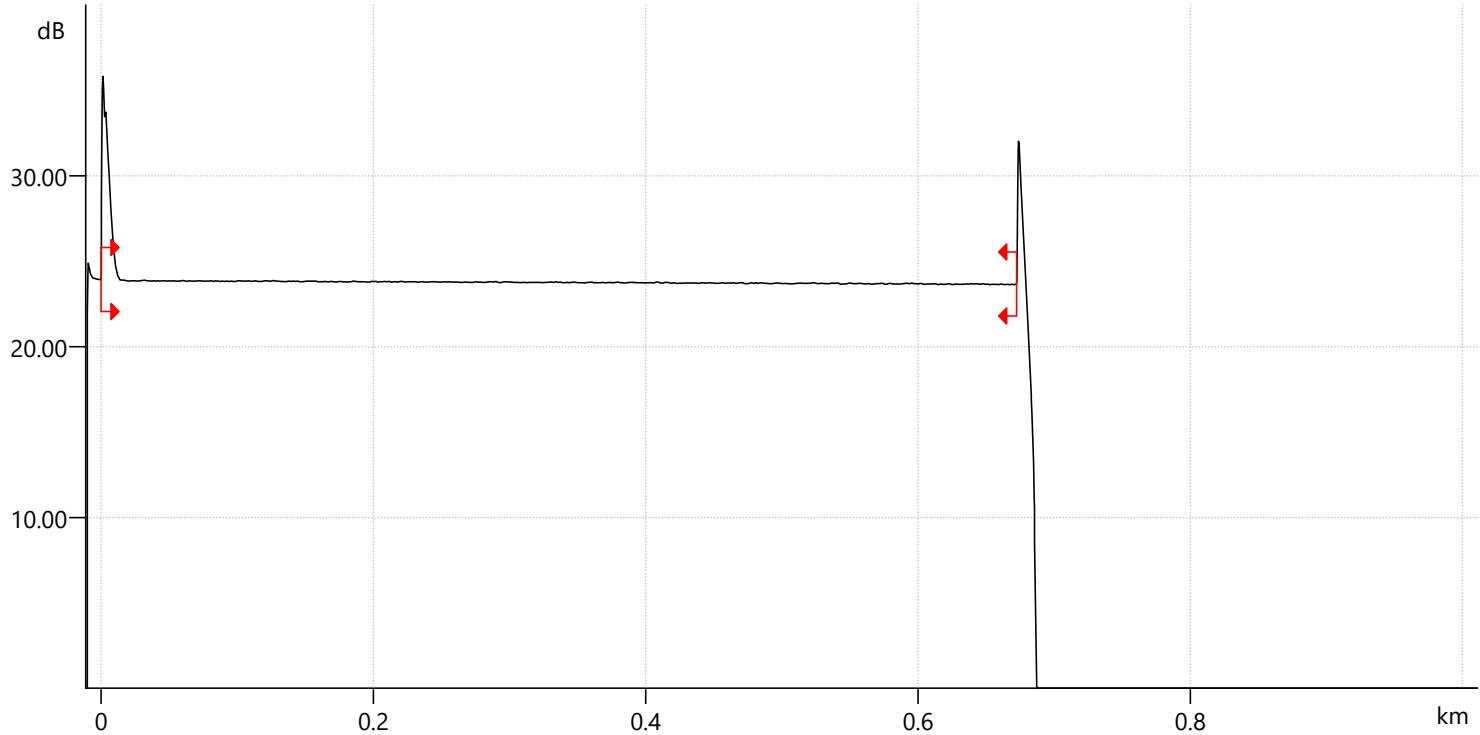
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_03.sor

Job Name:

Summary

Fiber Length: 0.673 km
Attenuation: 0.321 dB/km
Total Loss: 0.216 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.066	-47.660	- - -
2	End	0.673	23.653	-54.719	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:43:00
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

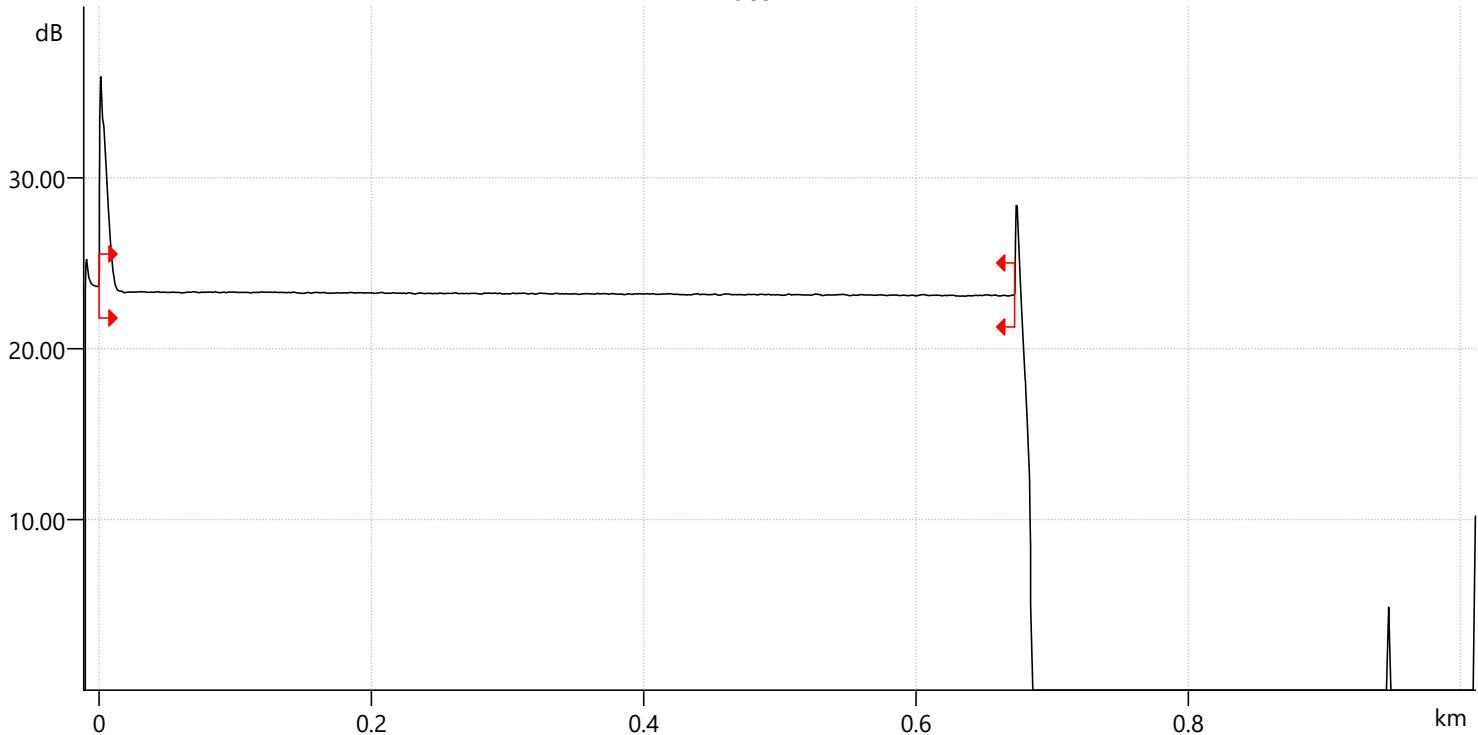
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_4.sor

Fiber Length: 0.673 km
Attenuation: 0.334 dB/km

Summary

Total Loss: 0.225 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.355	-46.957	- - -
2	End	0.673	23.099	-61.125	- - -

Comment:

Comment:

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:44:11
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

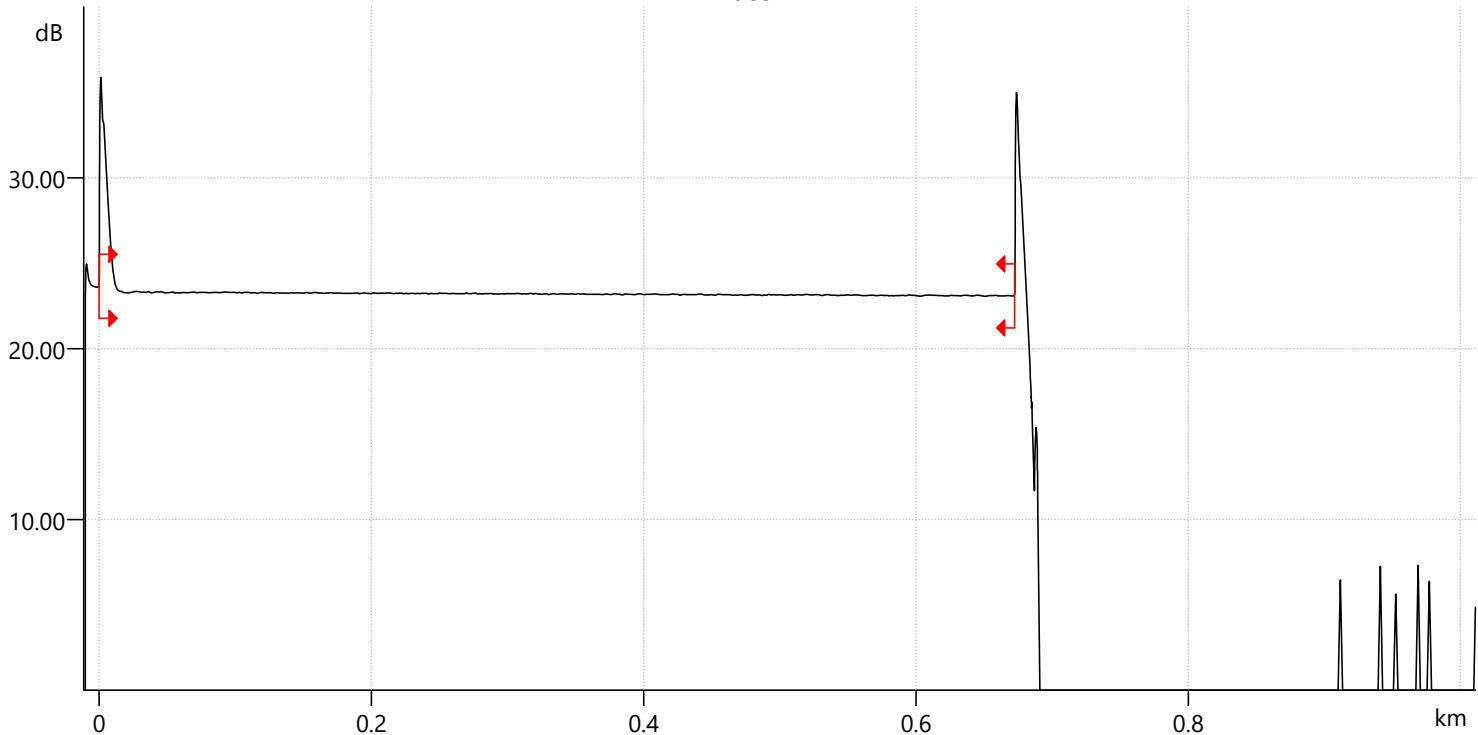
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_5.sor

Fiber Length: 0.673 km
Attenuation: 0.332 dB/km

Summary

Total Loss: 0.223 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.329	-46.875	- - -
2	End	0.673	3.000	-47.666	- - -

Comment:

Comment:

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:44:45
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

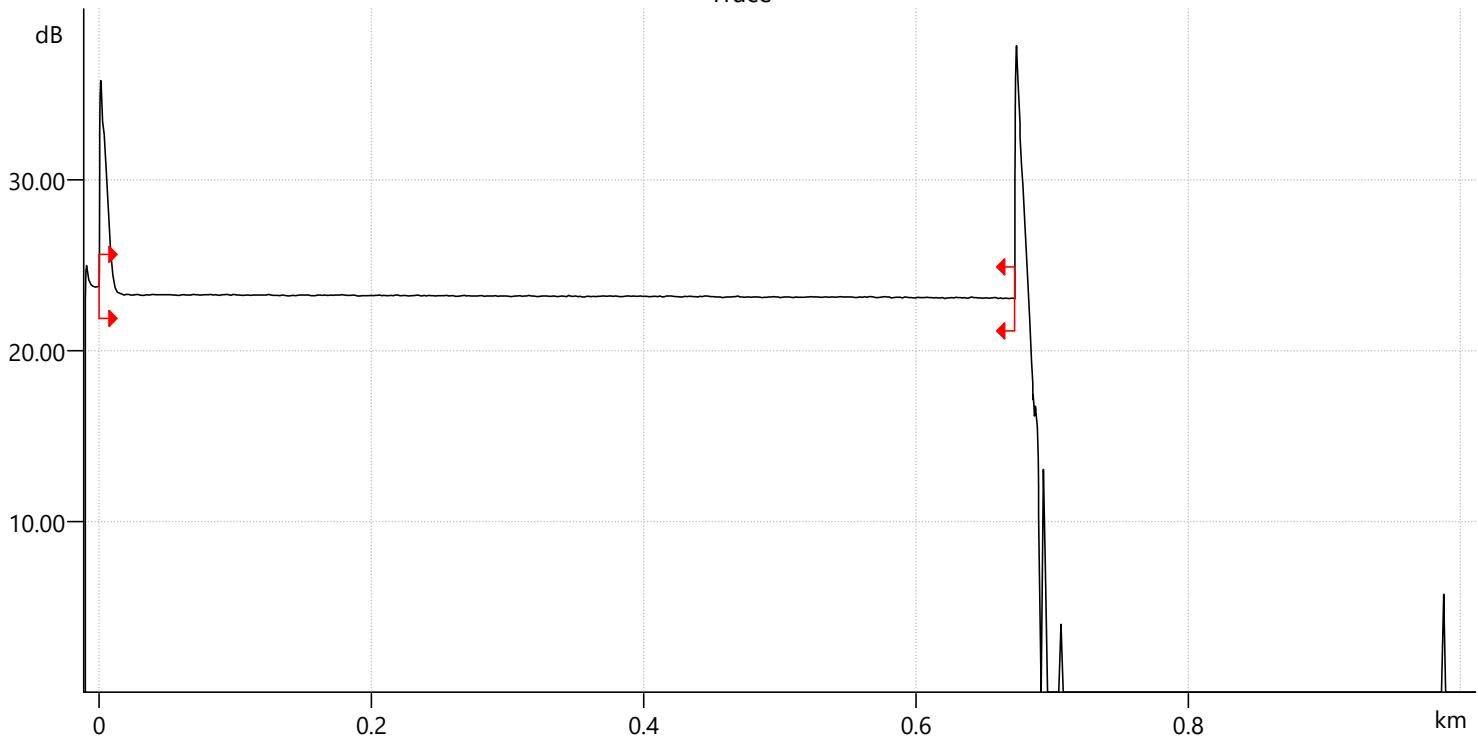
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_6.sor

Fiber Length: 0.673 km
Attenuation: 0.293 dB/km

Summary

Total Loss: 0.197 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.467	-47.067	- - -
2	End	0.673	23.077	-41.779	- - -

Comment:

Comment:

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:45:20
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

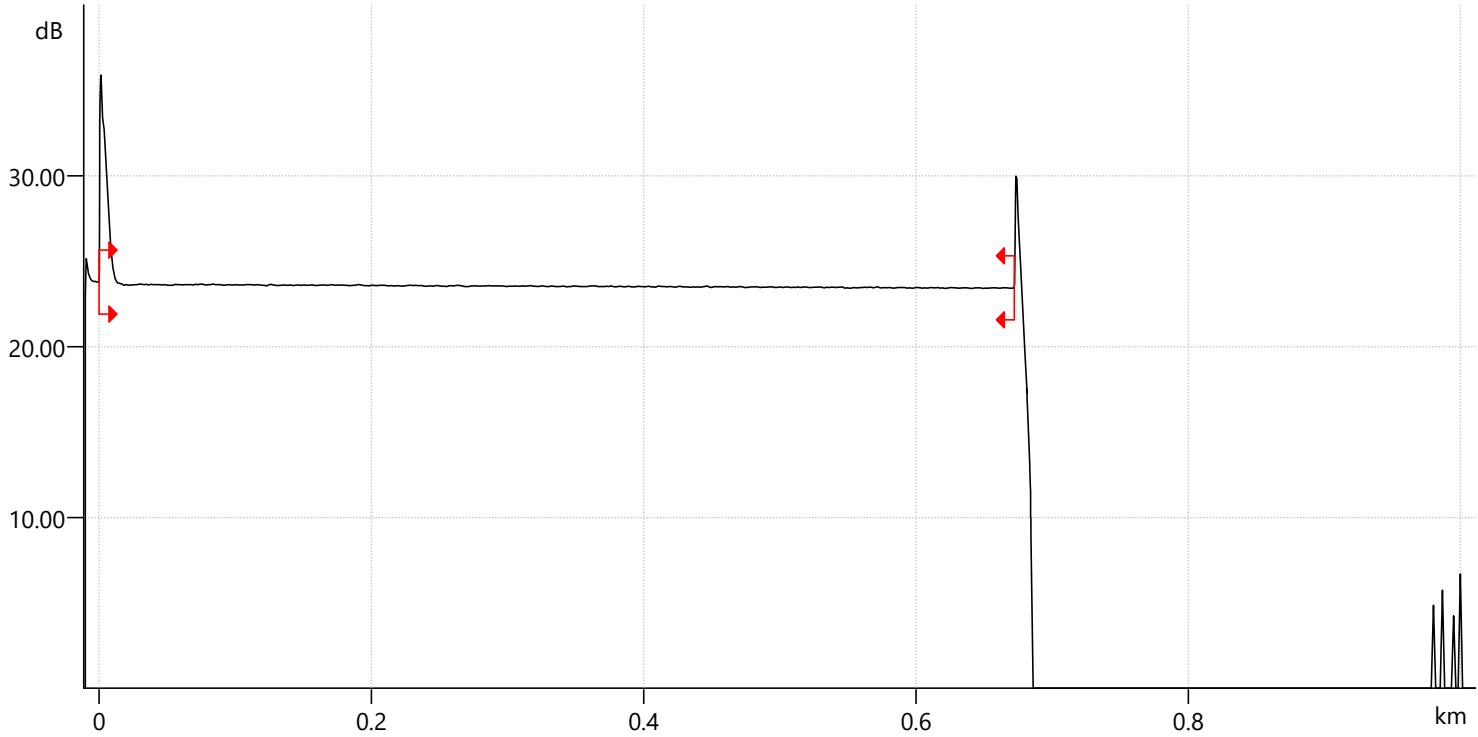
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_7.sor

Job Name:

Summary

Fiber Length: 0.672 km
Attenuation: 0.330 dB/km
Total Loss: 0.222 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.128	-47.112	- - -
2	End	0.672	23.424	-58.514	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:45:53
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_8.sor

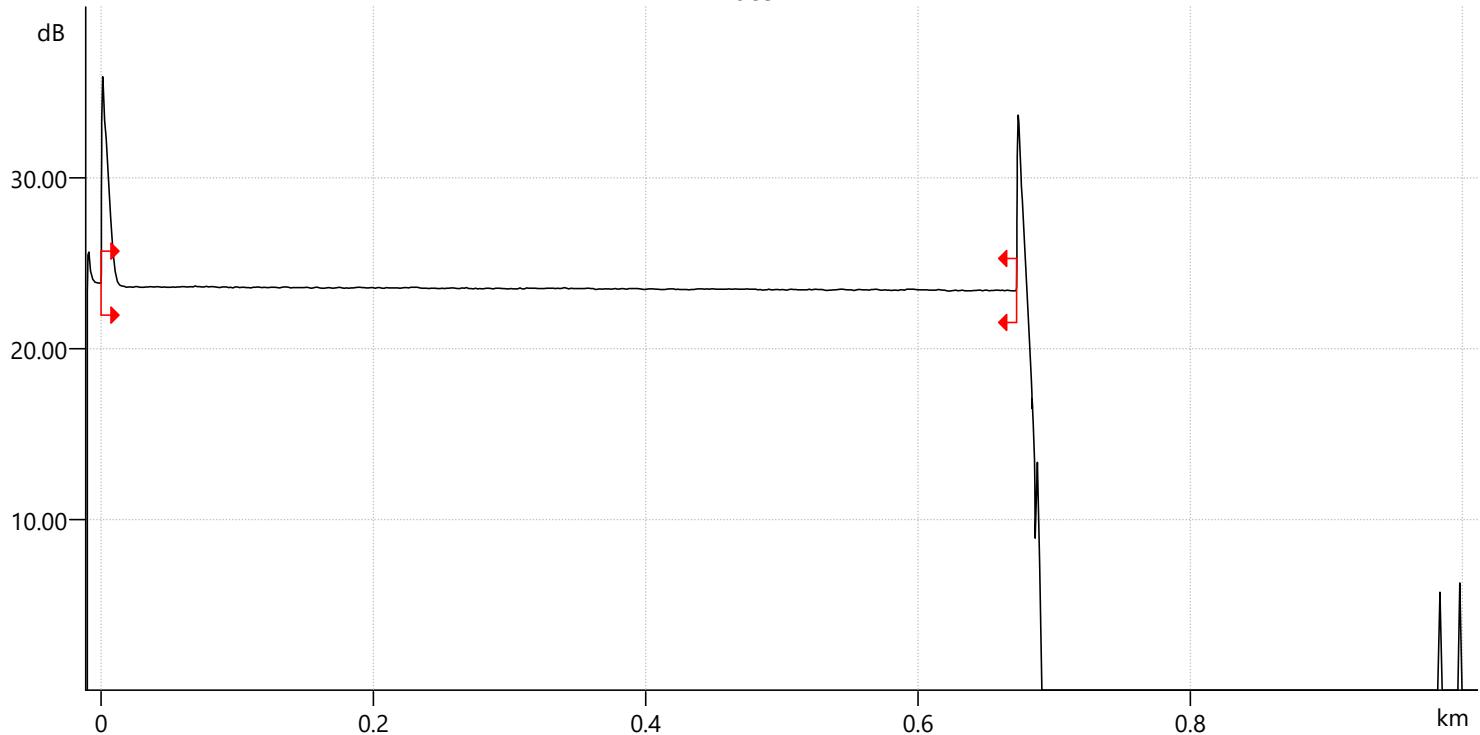
Job Name:

Fiber Length: 0.673 km
Attenuation: 0.329 dB/km

Summary

Total Loss: 0.221 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.204	-47.289	- - -
2	End	0.673	23.396	-50.908	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:46:41
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

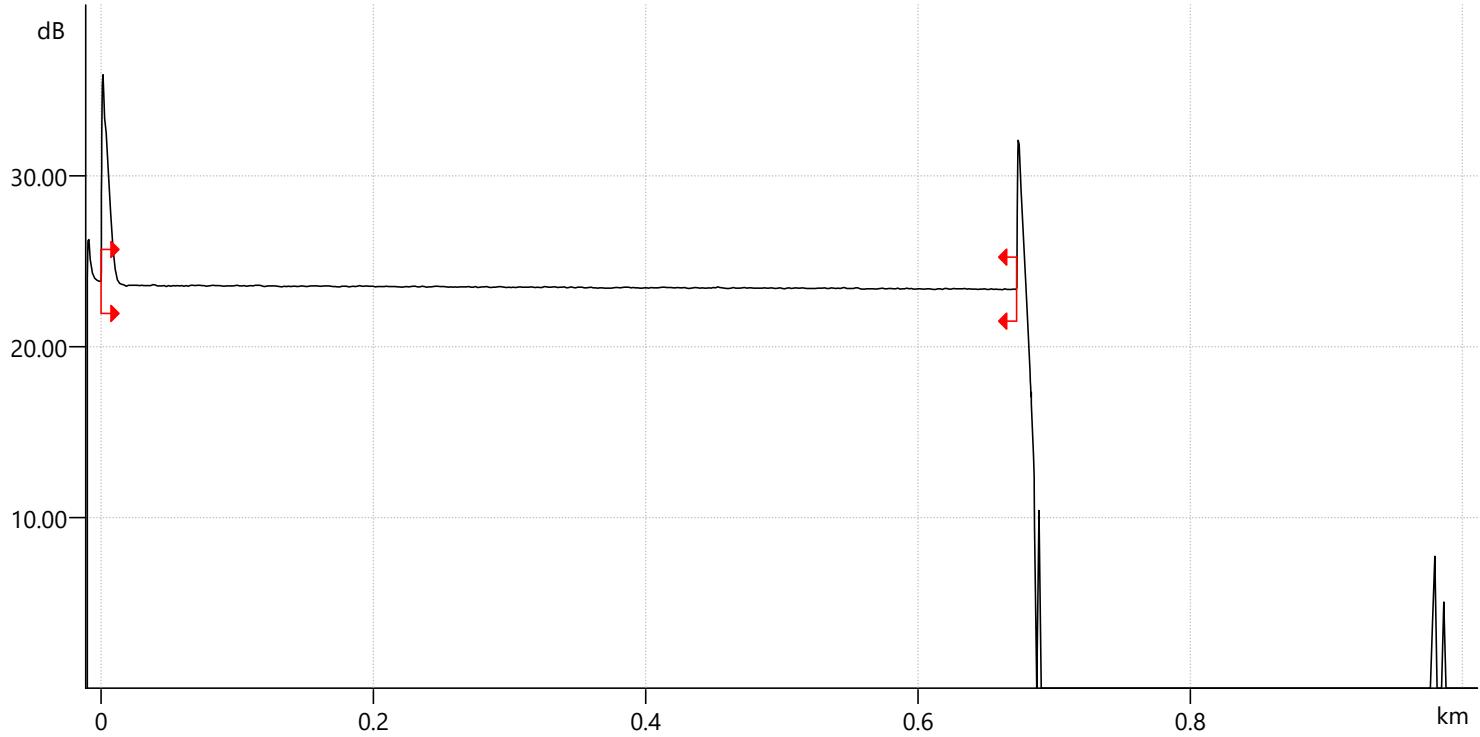
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_9.sor

Job Name:

Summary

Fiber Length: 0.673 km
Attenuation: 0.338 dB/km
Total Loss: 0.227 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.240	-47.272	- - -
2	End	0.673	23.361	-54.057	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:47:13
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

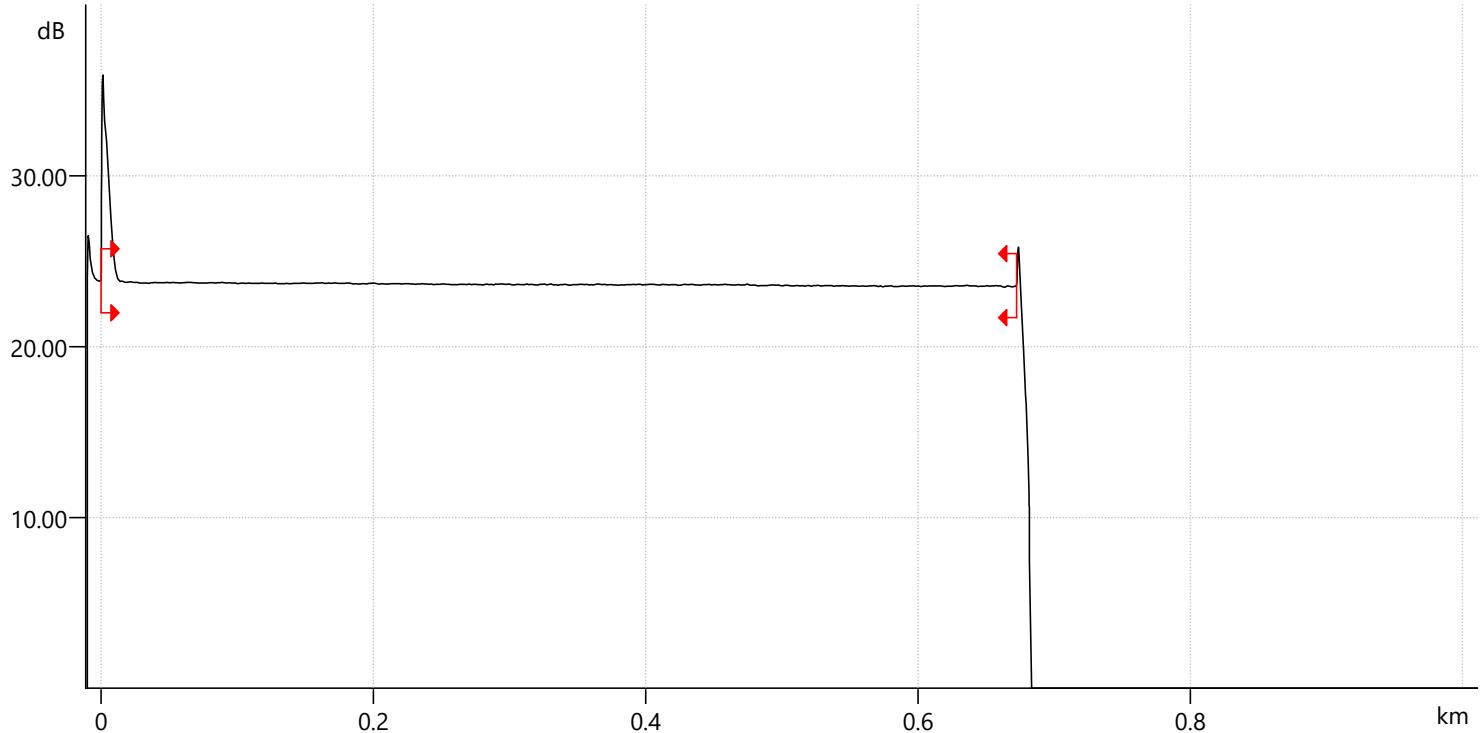
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_10.sor

Job Name:

Summary

Fiber Length: 0.673 km
Attenuation: 0.343 dB/km
Total Loss: 0.231 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.100	-47.374	- - -
2	End	0.673	23.525	-68.937	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:47:45
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

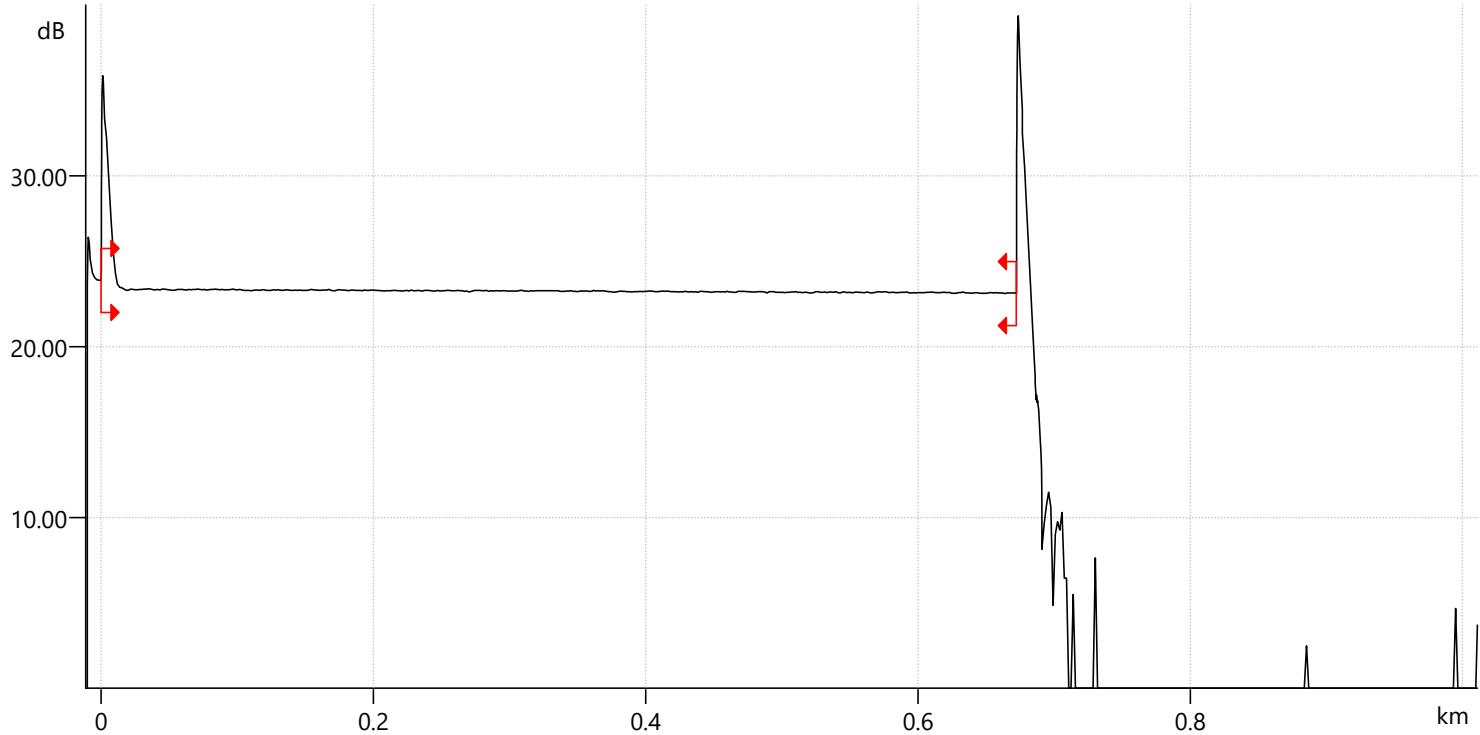
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_11.sor

Job Name:

Summary

Fiber Length: 0.672 km
Attenuation: 0.321 dB/km
Total Loss: 0.216 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.519	-47.455	---
2	End	0.672	23.128	-38.914	---

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:48:17
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

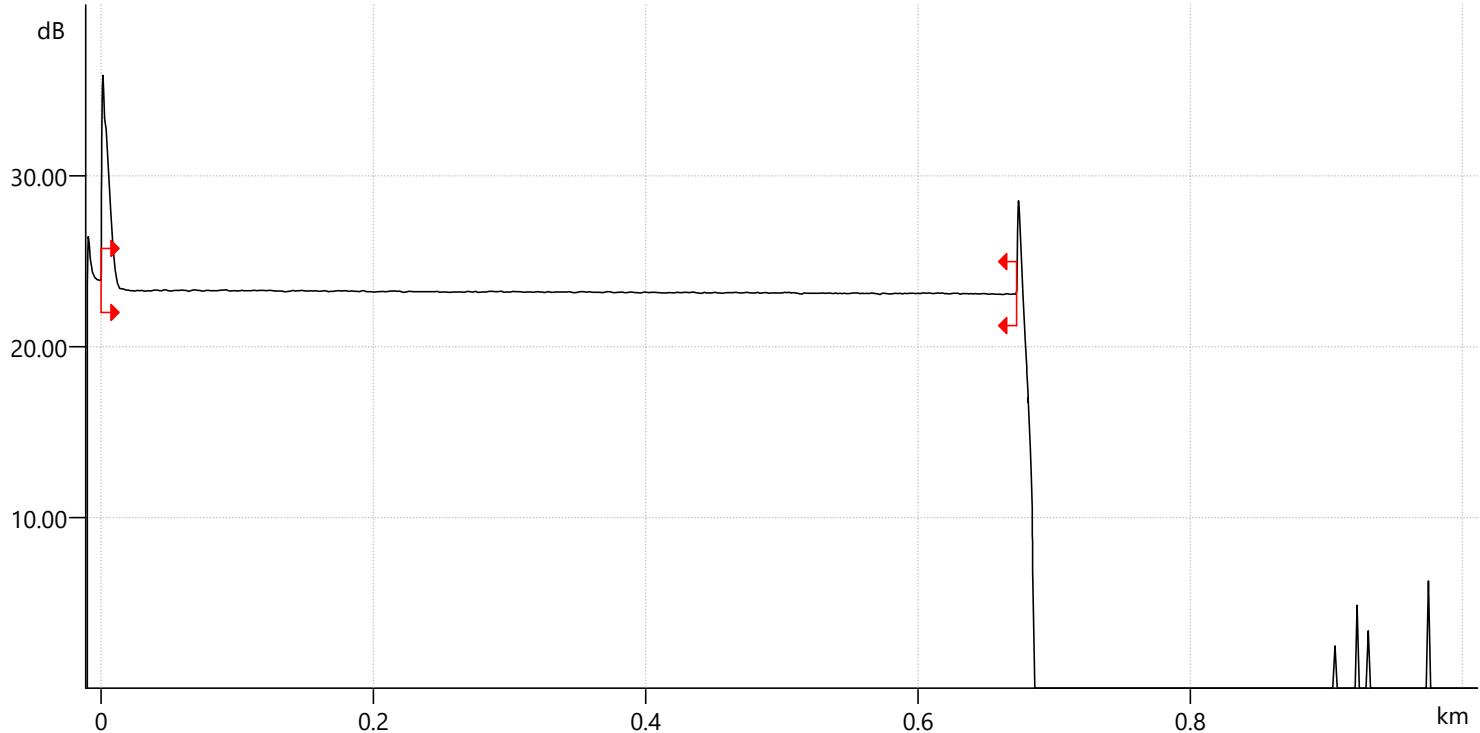
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_12.sor

Job Name:

Summary

Fiber Length: 0.673 km
Attenuation: 0.329 dB/km
Total Loss: 0.221 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.565	-47.483	- - -
2	End	0.673	23.077	-61.012	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:47:45
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

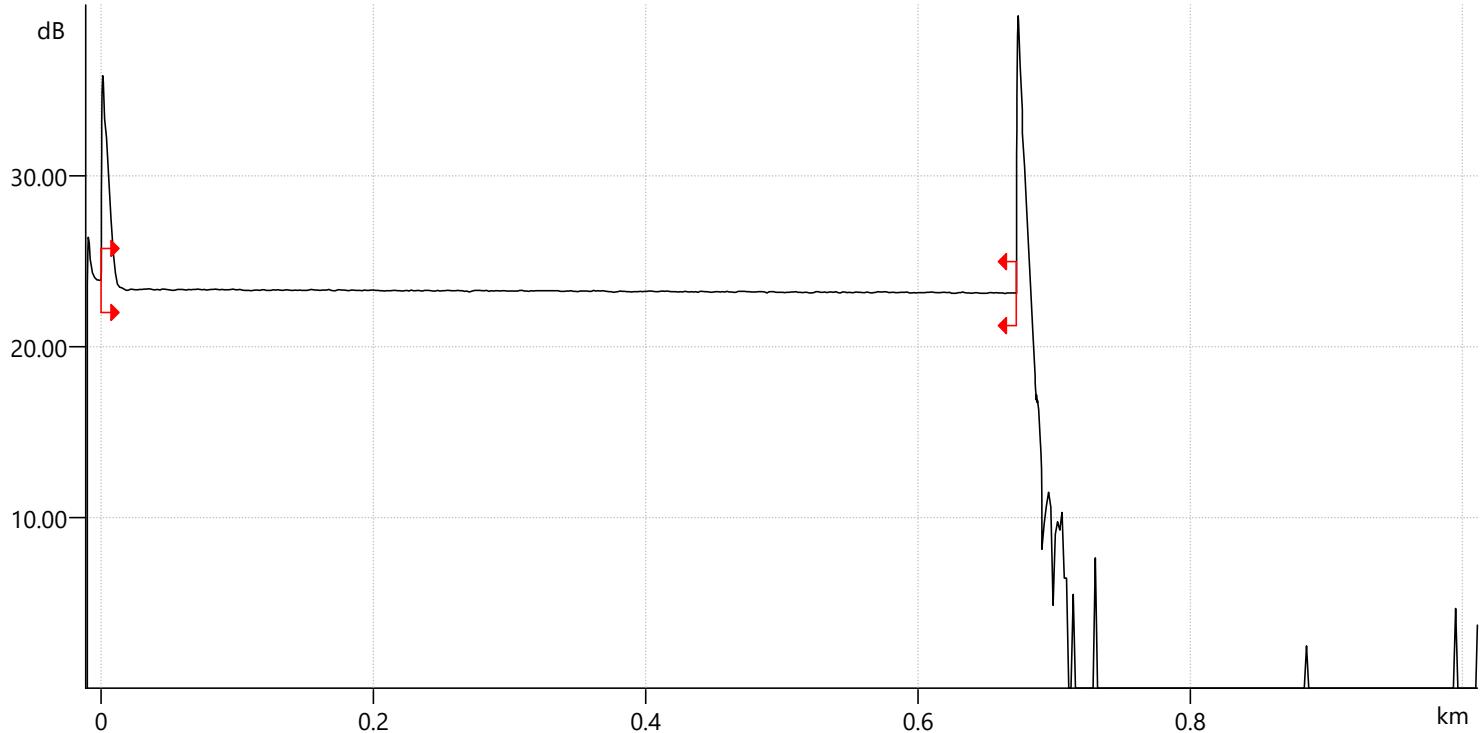
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_13.sor

Job Name:

Summary

Fiber Length: 0.672 km
Attenuation: 0.321 dB/km
Total Loss: 0.216 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.519	-47.455	- - -
2	End	0.672	23.128	-38.914	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:15:00
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

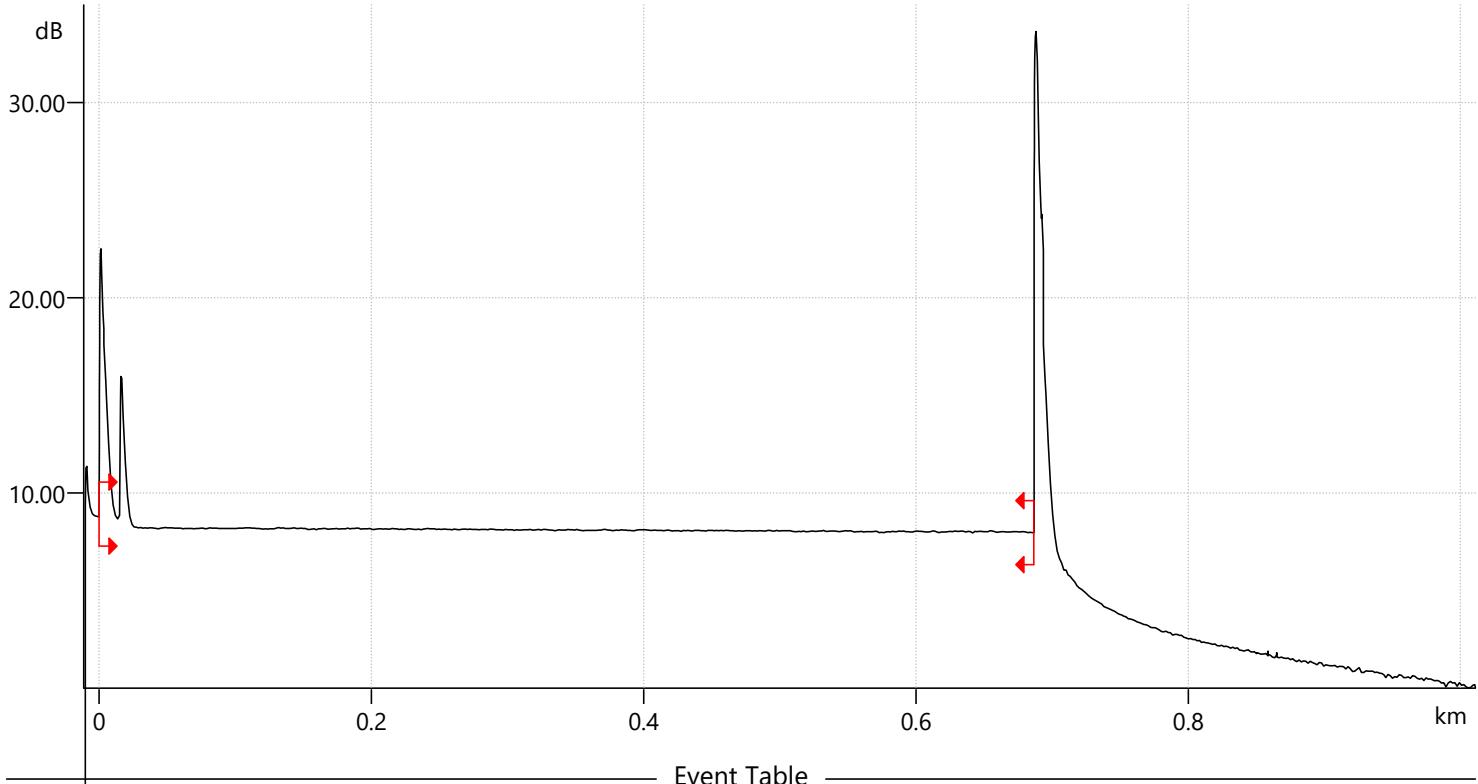
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_14.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.137 dB/km
Total Loss: 0.781 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-43.984	-
2	End	0.687	3.000	-20.050	-

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:16:05
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

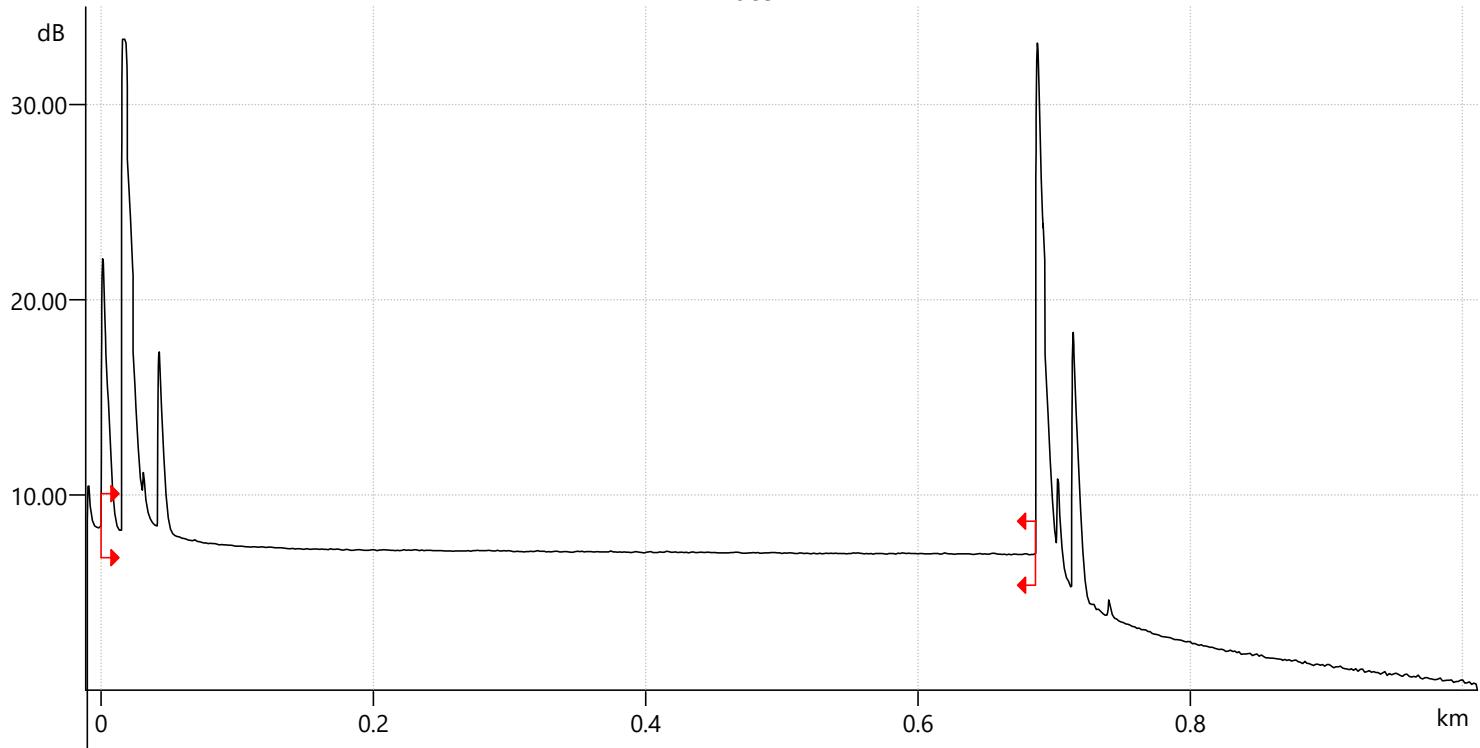
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_15.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.924 dB/km
Total Loss: 1.321 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-43.789	- - -
2	End	0.687	3.000	-19.185	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:17:34
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

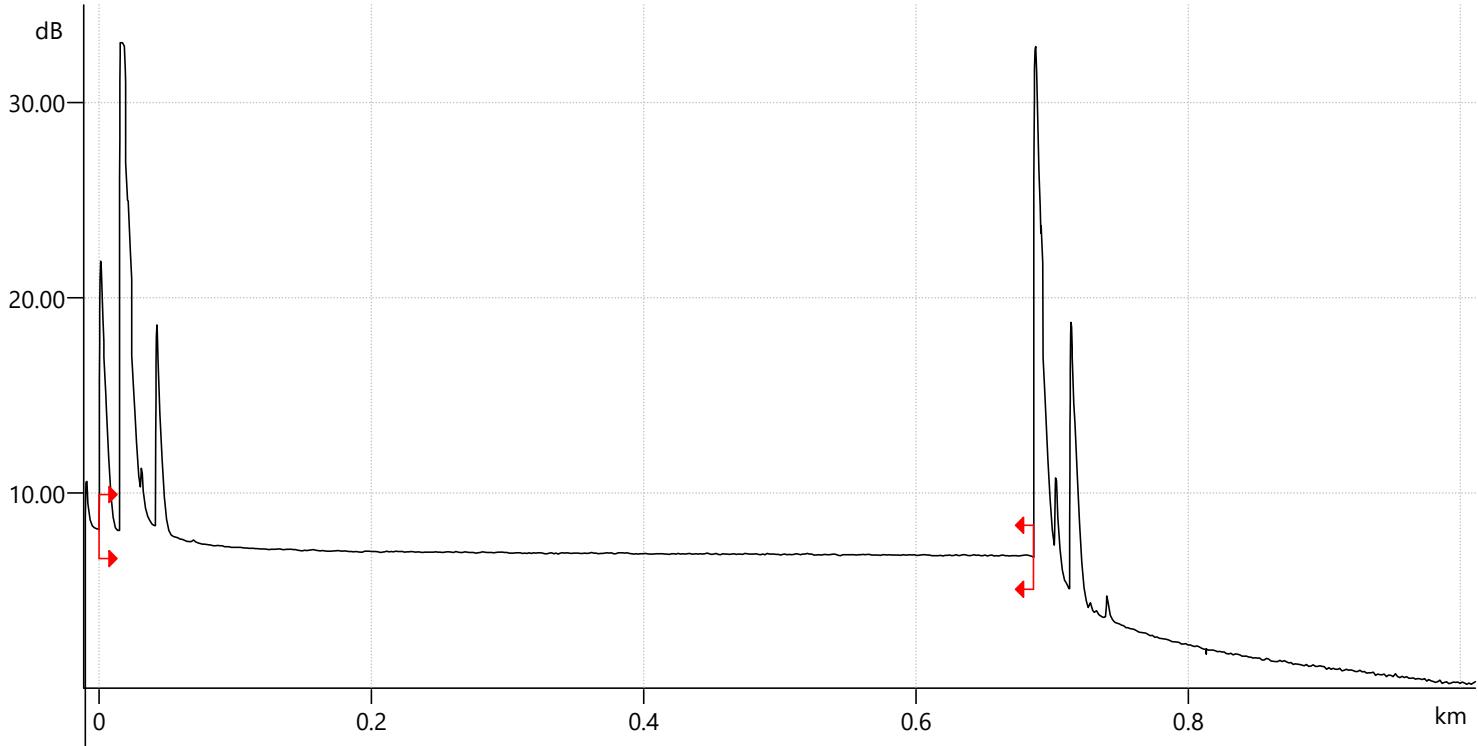
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_16.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.953 dB/km
Total Loss: 1.341 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-44.017	- - -
2	End	0.687	3.000	-19.082	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:20:29
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

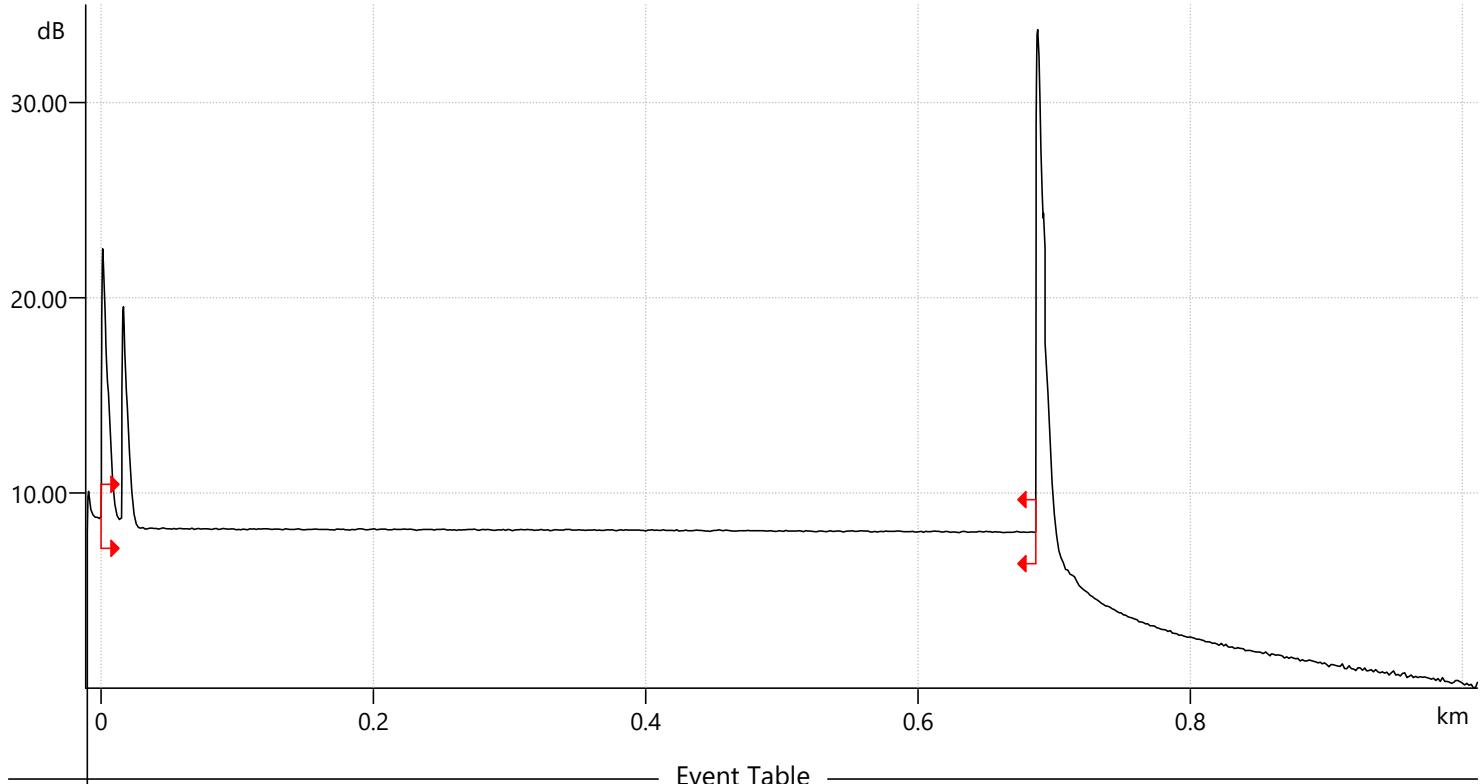
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_17.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.020 dB/km
Total Loss: 0.700 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-43.906	- - -
2	End	0.687	3.000	-20.003	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:21:12
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

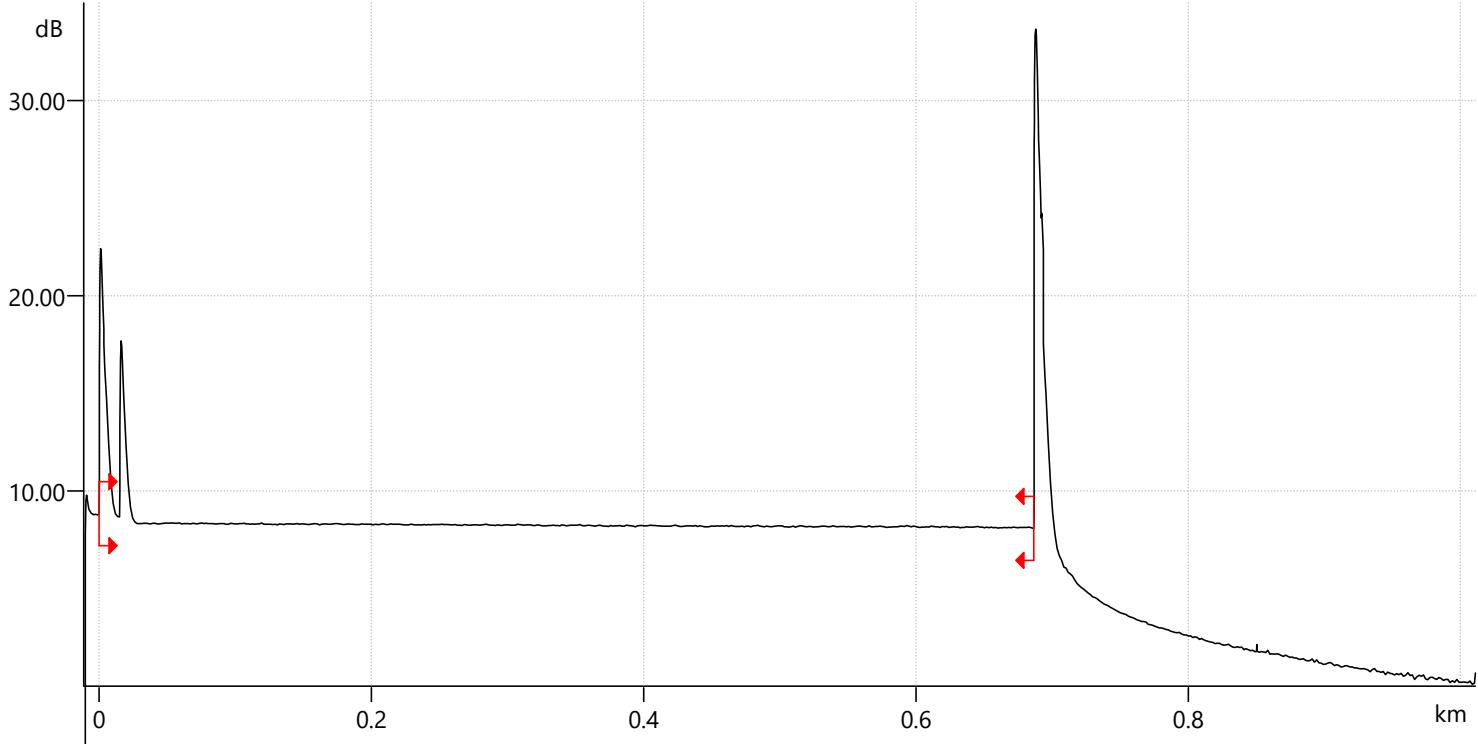
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_18.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 0.944 dB/km
Total Loss: 0.648 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-44.187	- - -
2	End	0.687	3.000	-20.342	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:21:46
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

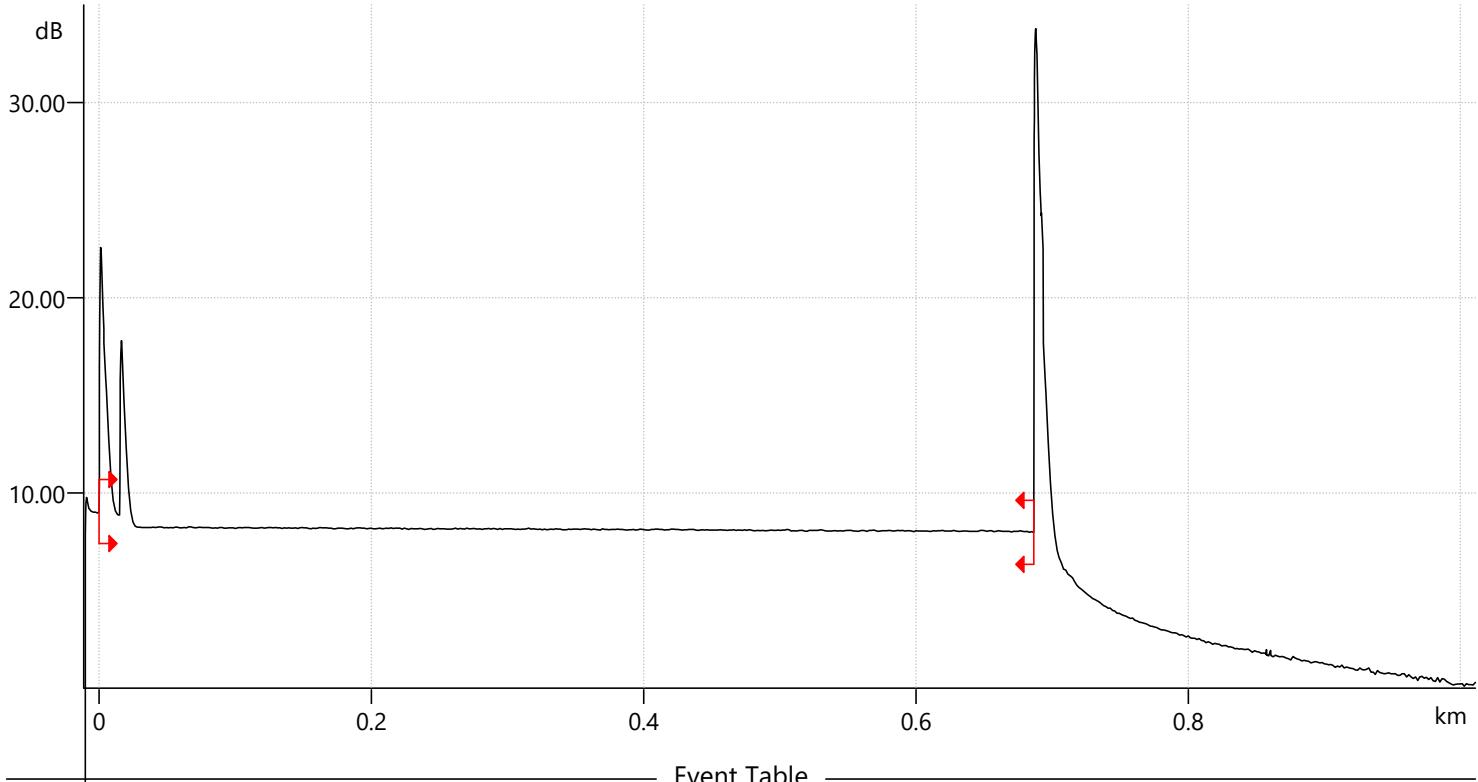
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_19.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.388 dB/km
Total Loss: 0.953 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-44.288	- - -
2	End	0.687	3.000	-19.876	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:22:29
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

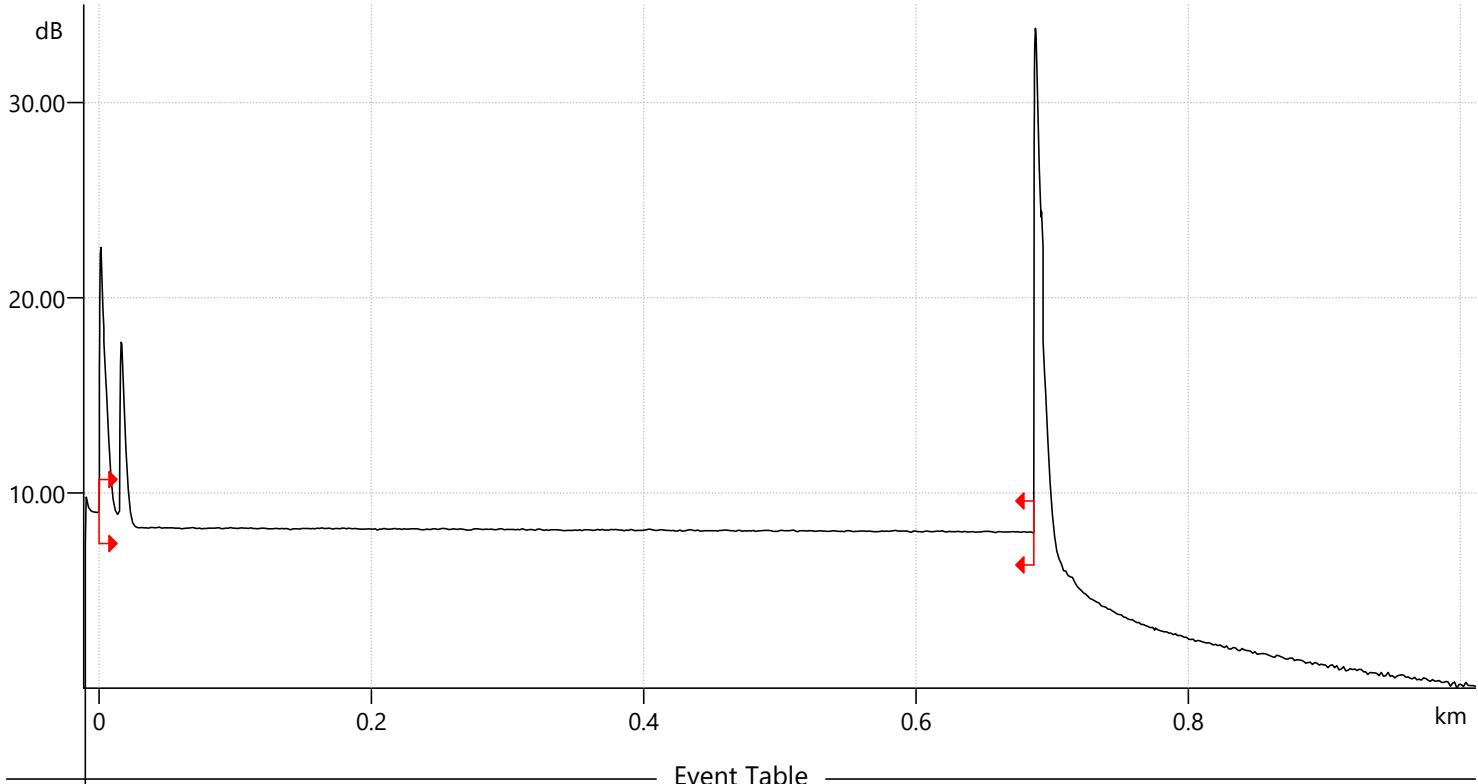
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_20.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.426 dB/km
Total Loss: 0.979 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-44.252	- - -
2	End	0.687	3.000	-19.733	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:23:25
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

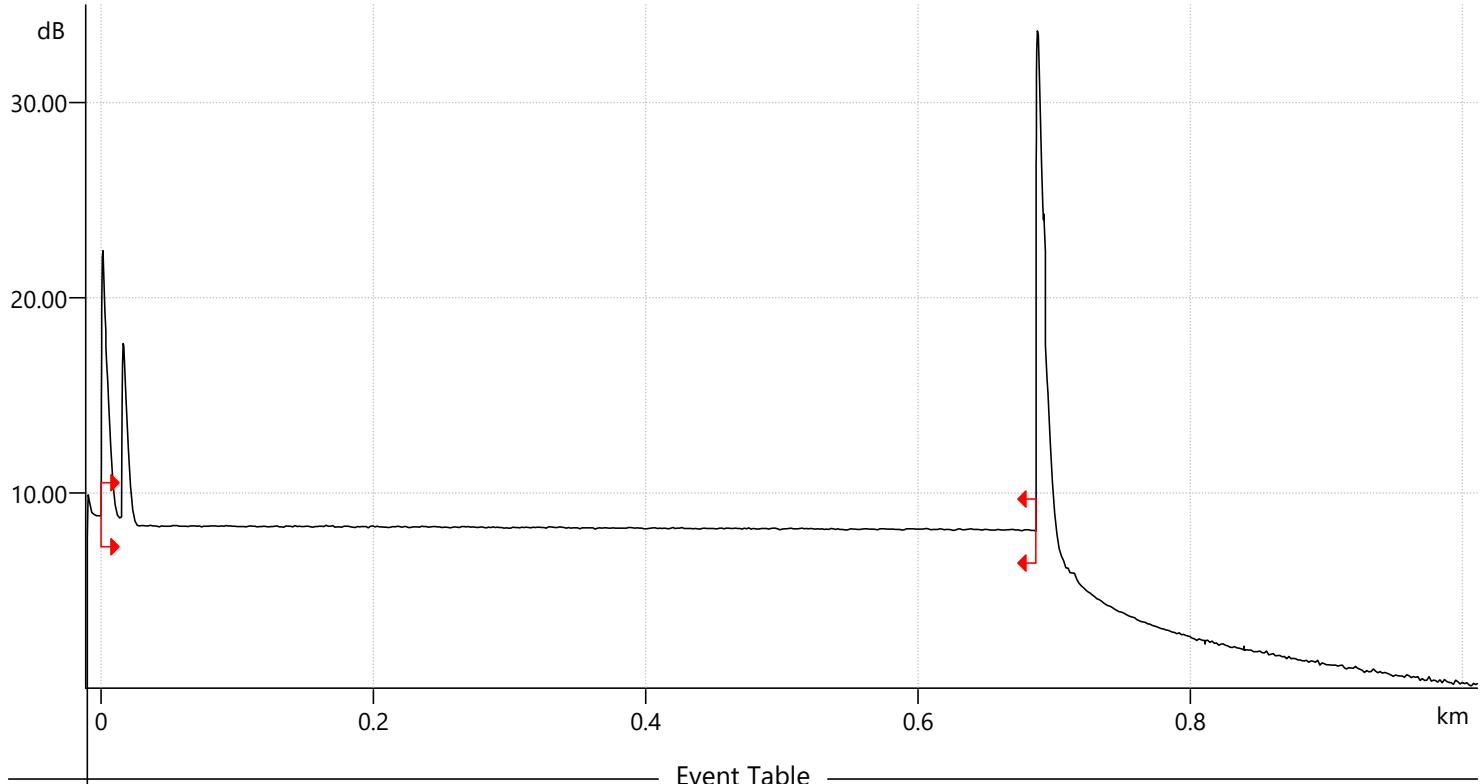
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_21.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.048 dB/km
Total Loss: 0.720 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-44.274	-
2	End	0.687	3.000	-20.258	-

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:24:21
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

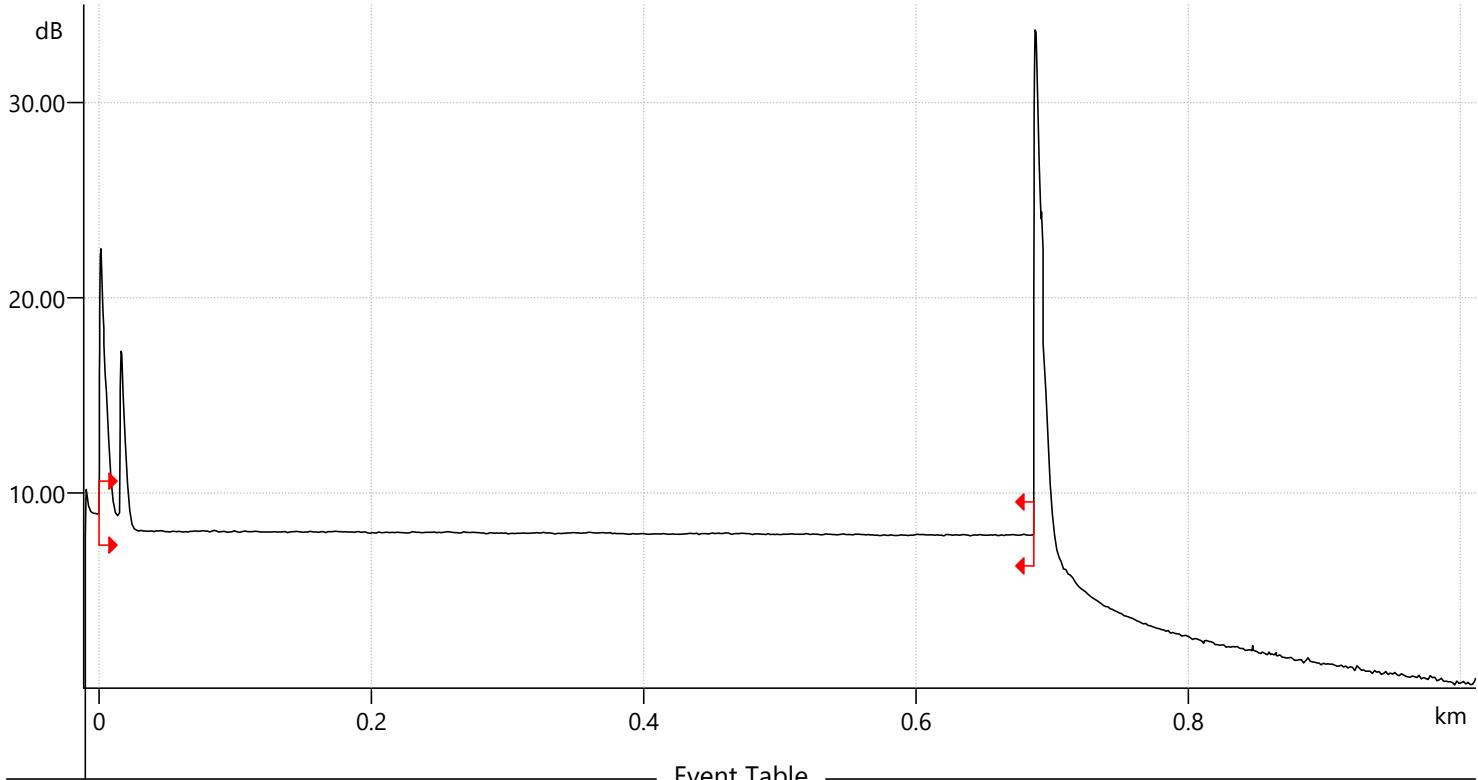
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_22.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.523 dB/km
Total Loss: 1.046 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-44.267	-
2	End	0.687	3.000	-19.726	-

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:25:22
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

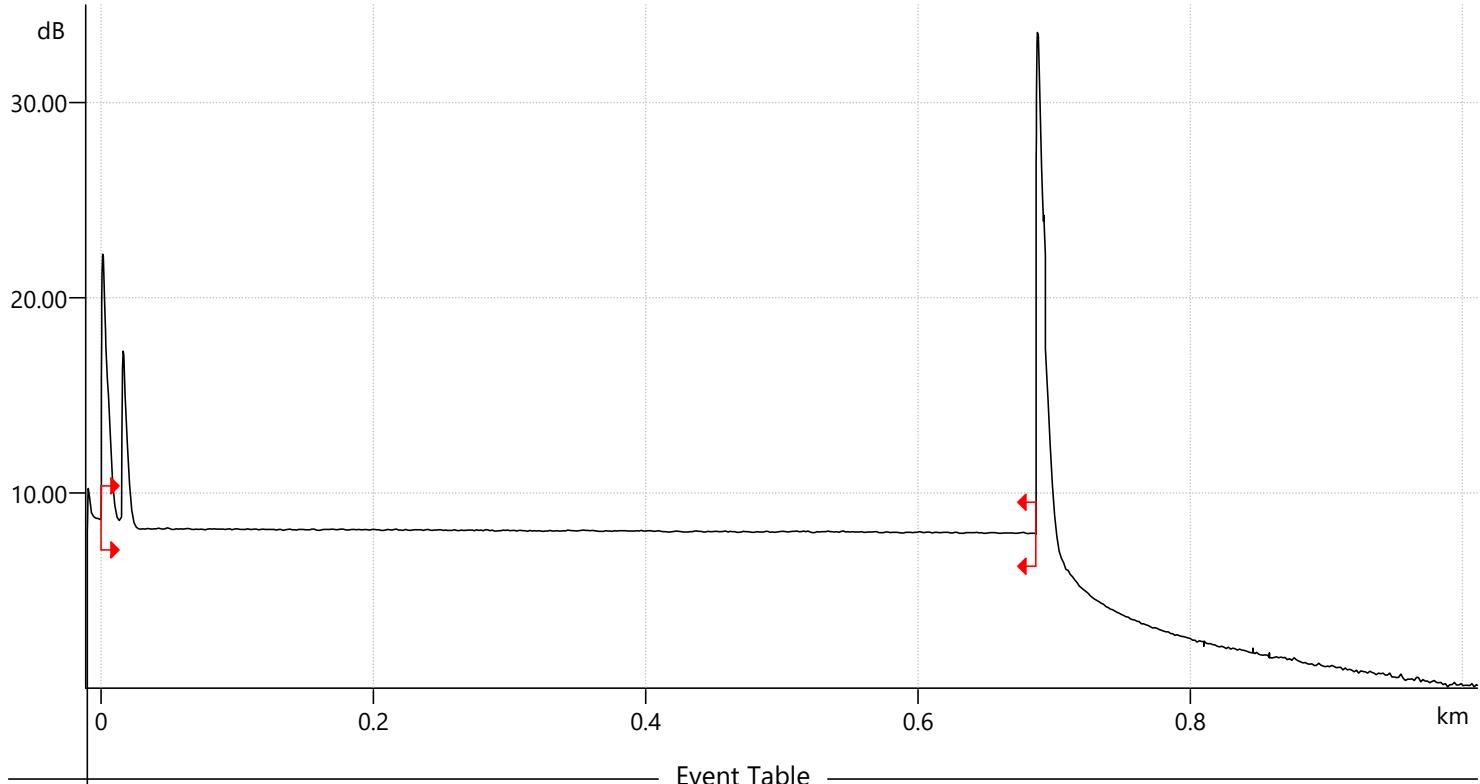
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_23.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.024 dB/km
Total Loss: 0.703 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-44.184	- - -
2	End	0.687	3.000	-20.155	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 1.021 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 16:25:55
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

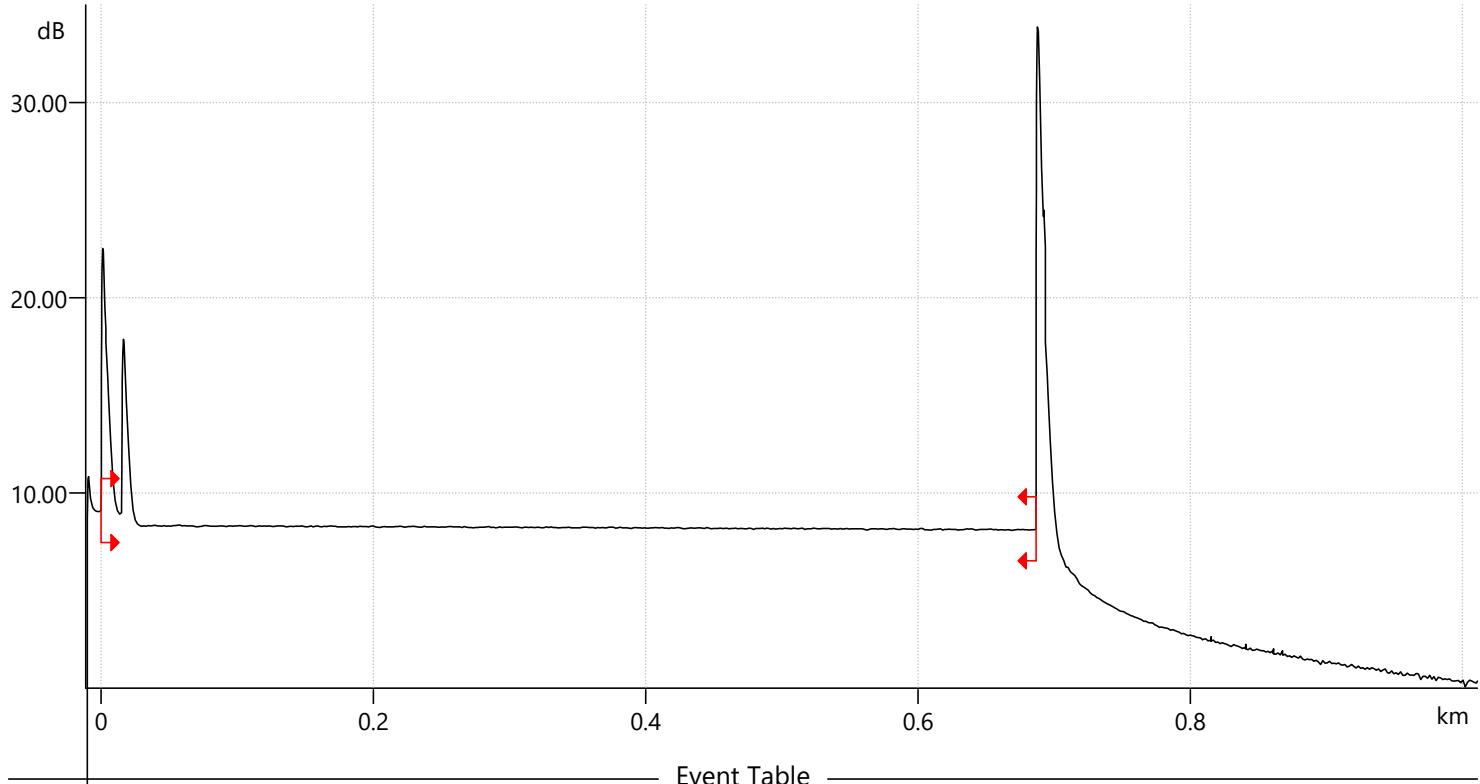
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: FEEDER_SEMANDING_24.sor

Job Name:

Summary

Fiber Length: 0.687 km
Attenuation: 1.353 dB/km
Total Loss: 0.929 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-44.395	- - -
2	End	0.687	3.000	-20.074	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:03:34
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

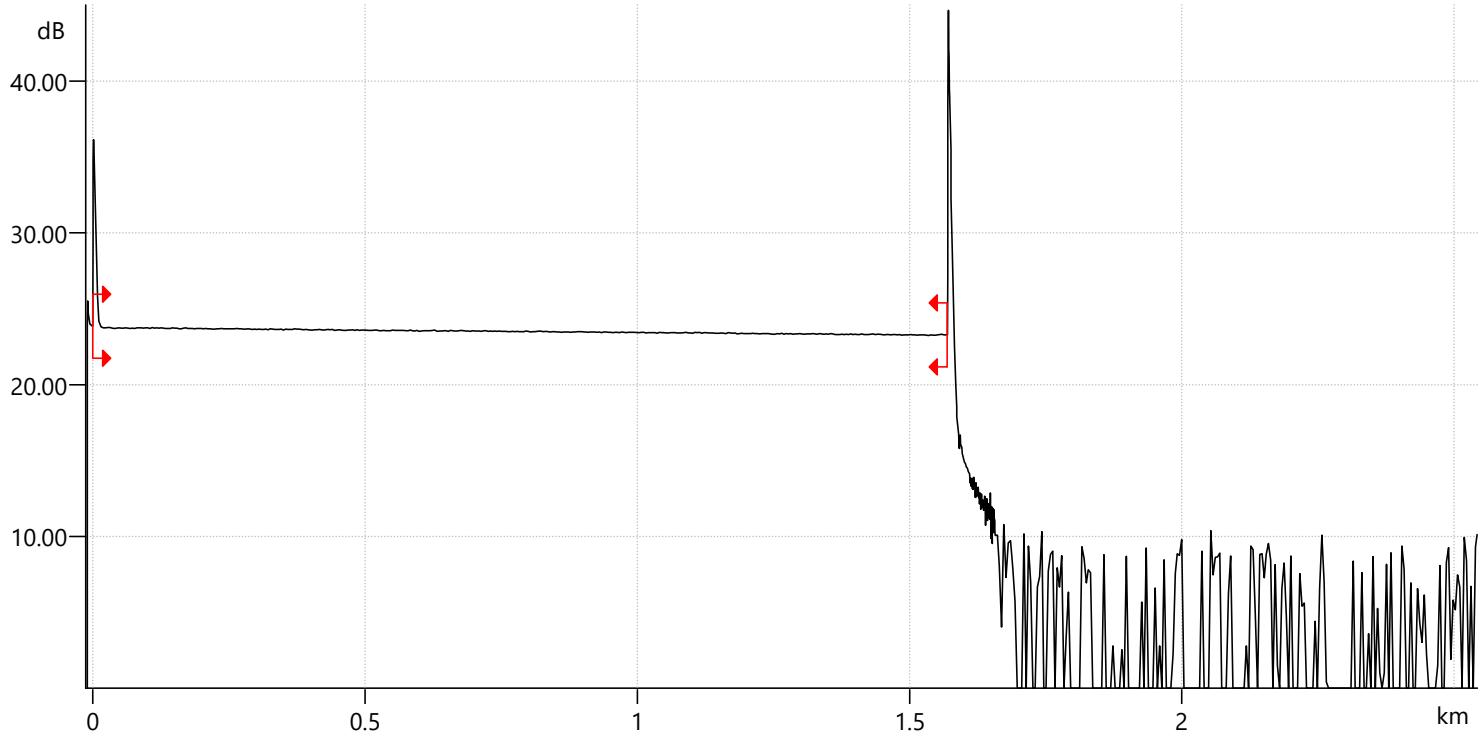
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_01.sor

Job Name:

Summary

Fiber Length: 1.569 km
Attenuation: 0.317 dB/km
Total Loss: 0.497 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	0.091	-46.593	- - -
2	End	1.569	3.000	-28.698	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:10:47
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

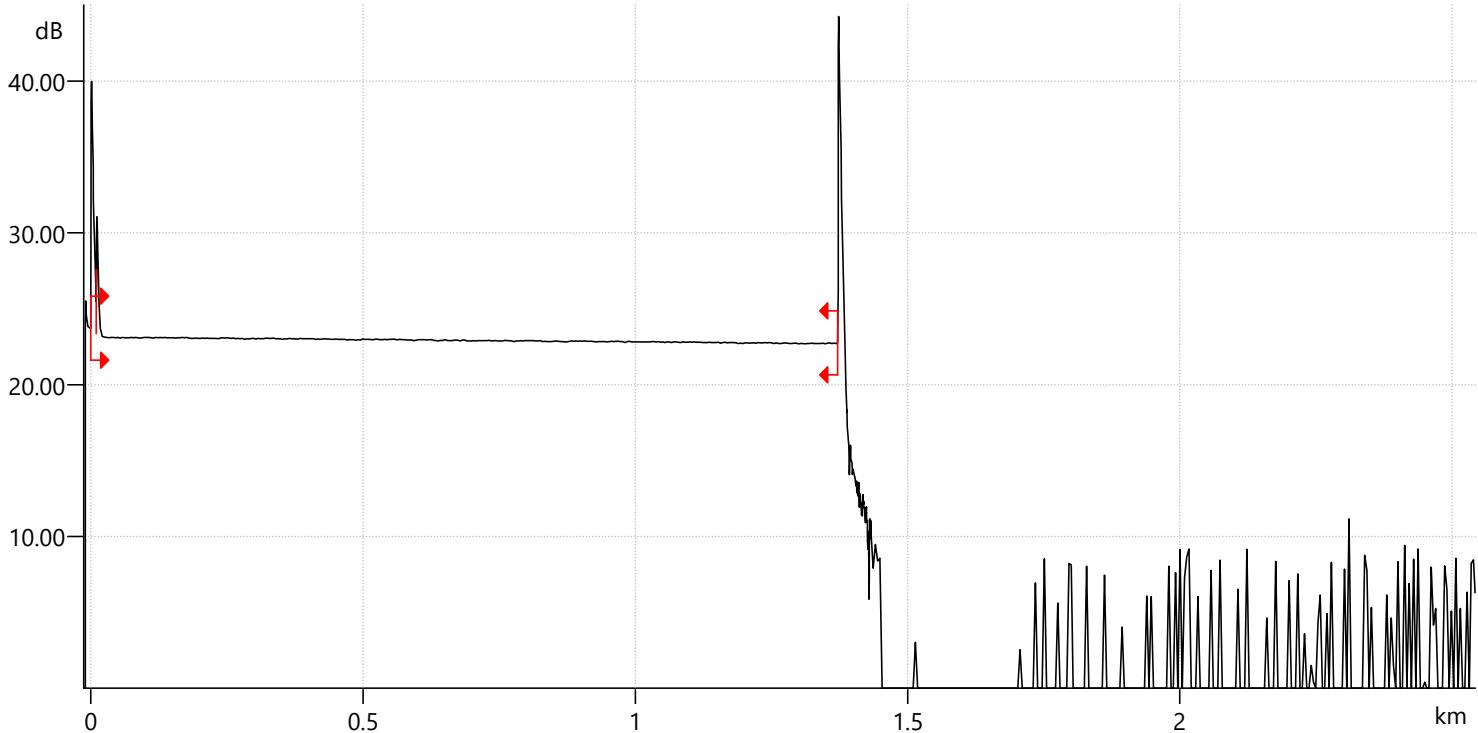
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_02.sor

Job Name:

Summary

Fiber Length: 1.372 km
Attenuation: 0.718 dB/km
Total Loss: 0.985 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-38.619	-
	Comment:				
2	Reflection	0.010	2.351	-56.928	-
	Comment:				
3	End	1.372	3.000	-28.468	-
	Comment:				

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:11:49
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

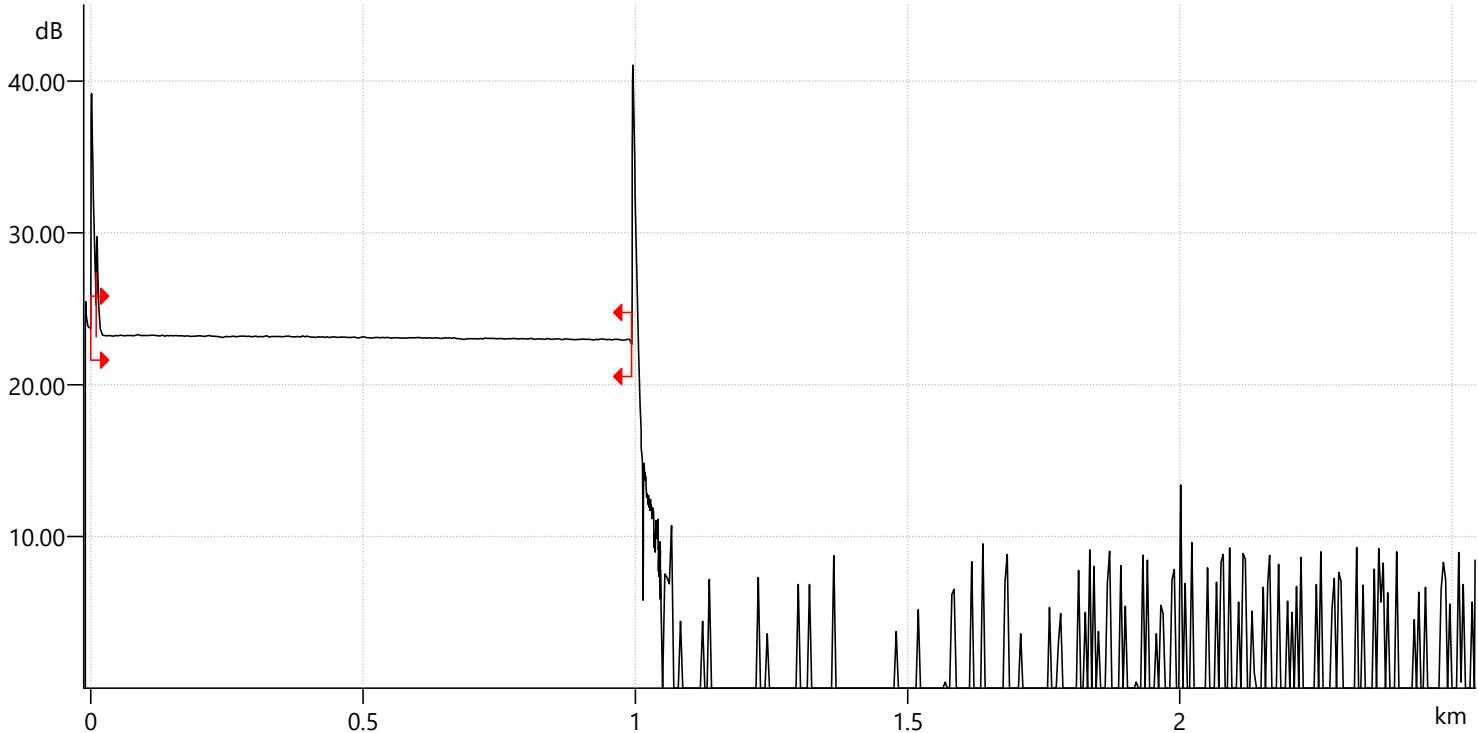
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_03.sor

Job Name:

Summary

Fiber Length: 0.994 km
Attenuation: 0.794 dB/km
Total Loss: 0.789 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-40.266	- - -
2	Reflection	0.010	1.995	-59.698	- - -
3	End	0.994	3.000	-34.365	- - -

OTDR Report

Parameters

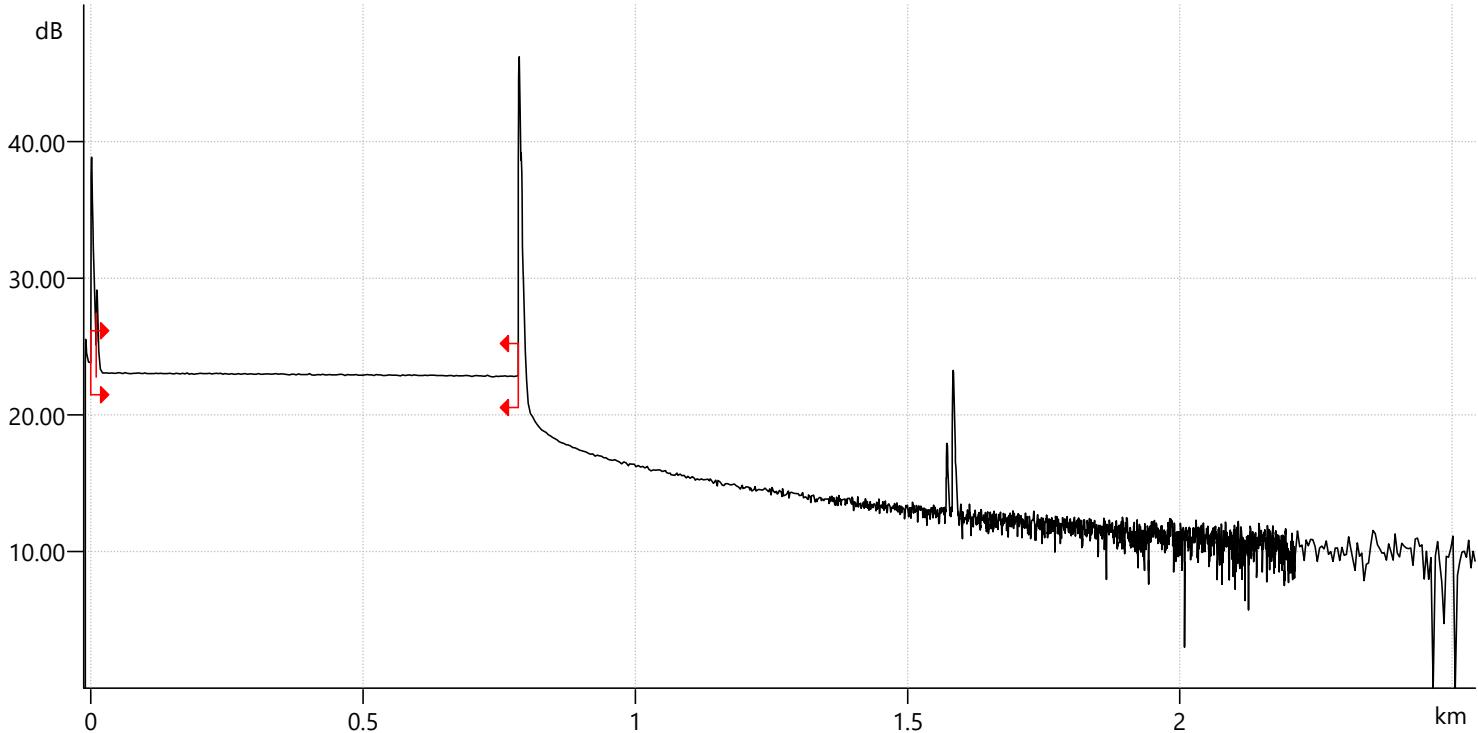
Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:12:34
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

Job Name:

Summary

Fiber Length: 0.785 km
Attenuation: 1.271 dB/km
Total Loss: 0.998 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-41.121	- - -
2	Reflection	0.010	2.040	-61.222	- - -
3	End	0.785	3.000	-24.761	- - -

OTDR Report

Parameters

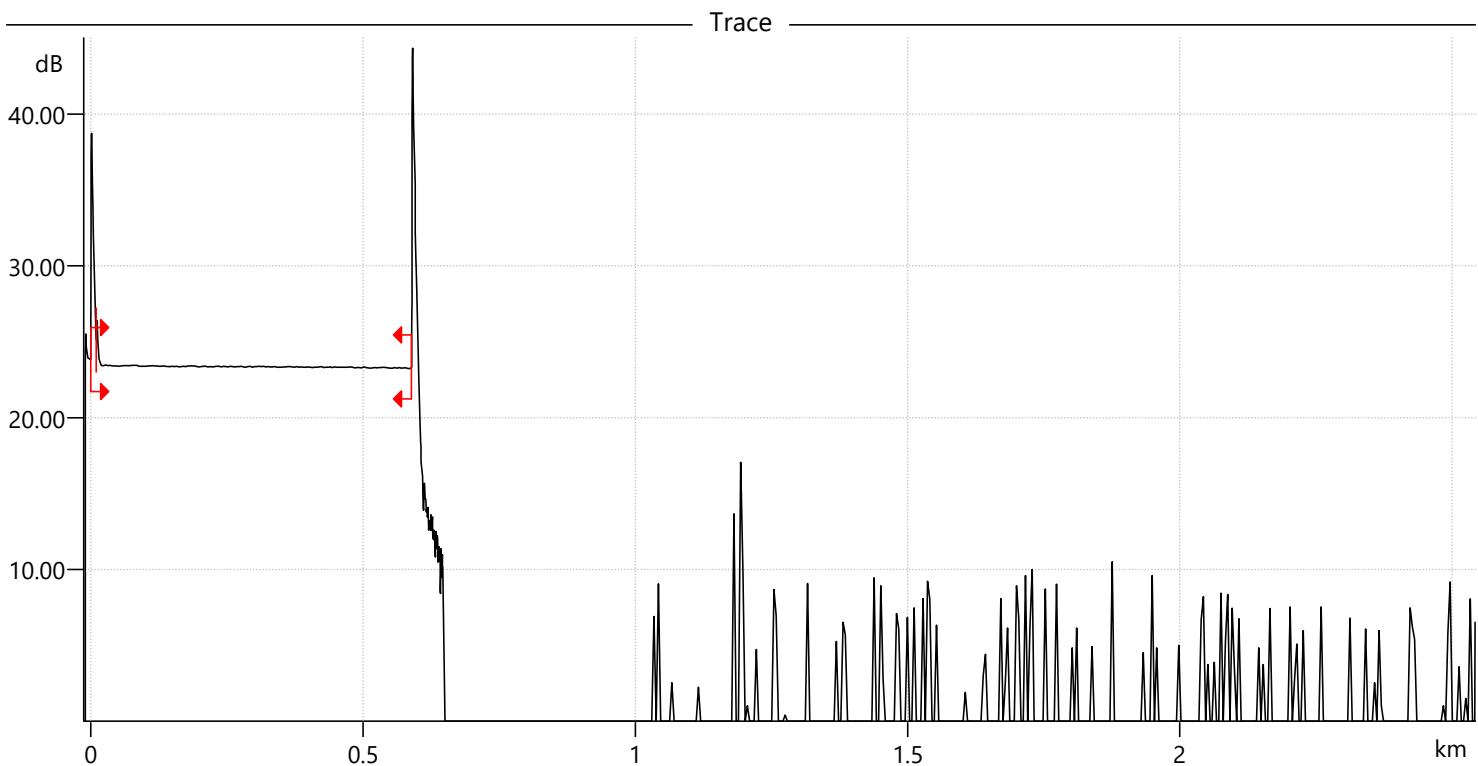
Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:13:18
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_05.sor

Fiber Length: 0.589 km
Attenuation: 0.969 dB/km

Summary

Total Loss: 0.571 dB



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-41.388	- - -
2	Reflection	0.010	1.682	-67.830	- - -
3	End	0.589	3.000	-29.438	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:13:55
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

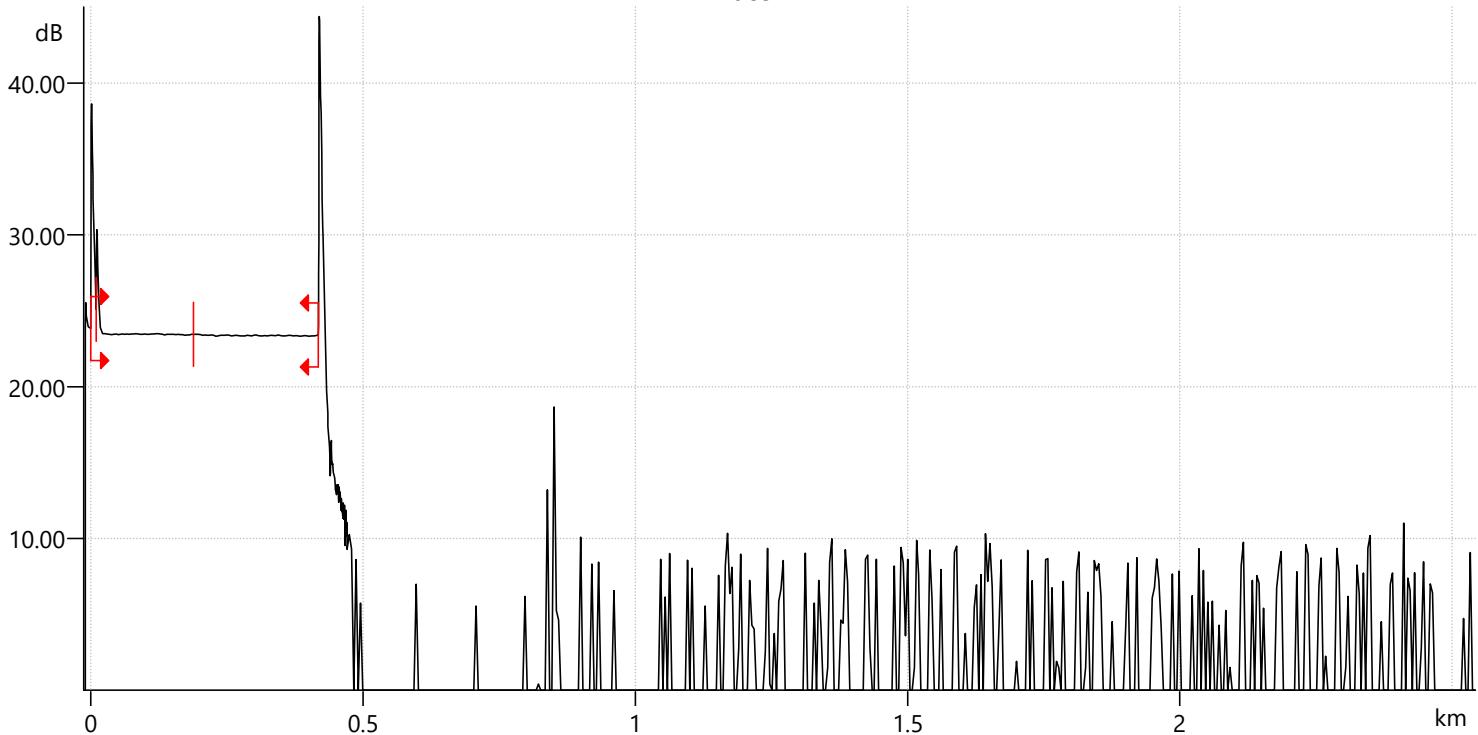
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_06.sor

Job Name:

Summary

Fiber Length: 0.418 km
Attenuation: 4.209 dB/km
Total Loss: 1.759 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-41.632	-
	Comment:				
2	Reflection	0.010	1.629	-58.681	-
	Comment:				
3	Loss	0.189	0.025	-	0.257
4	End	0.418	3.000	-29.562	0.256
	Comment:				

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:15:14
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

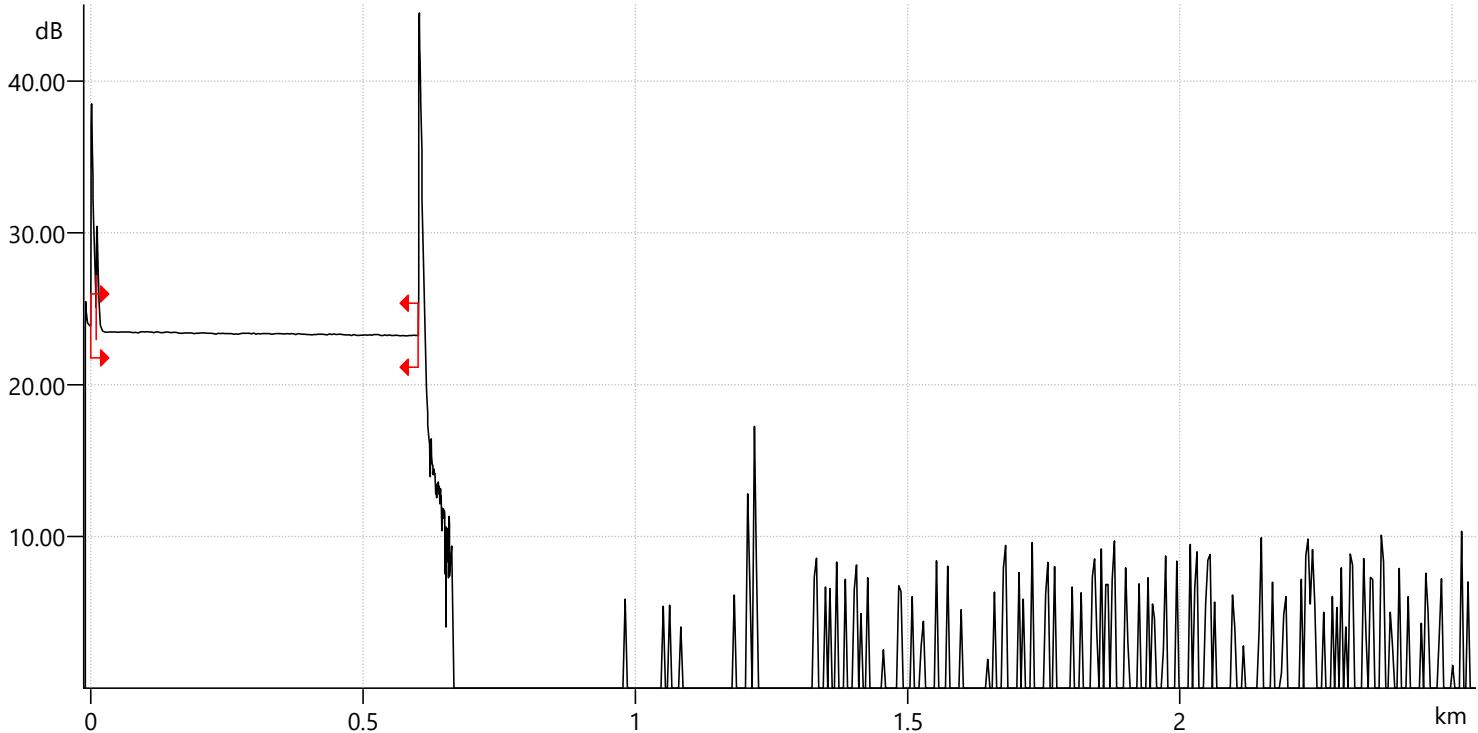
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_07.sor

Job Name:

Summary

Fiber Length: 0.601 km
Attenuation: 1.036 dB/km
Total Loss: 0.623 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-41.954	- - -
2	Reflection	0.010	1.578	-58.569	- - -
3	End	0.601	3.000	-29.031	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:28:14
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

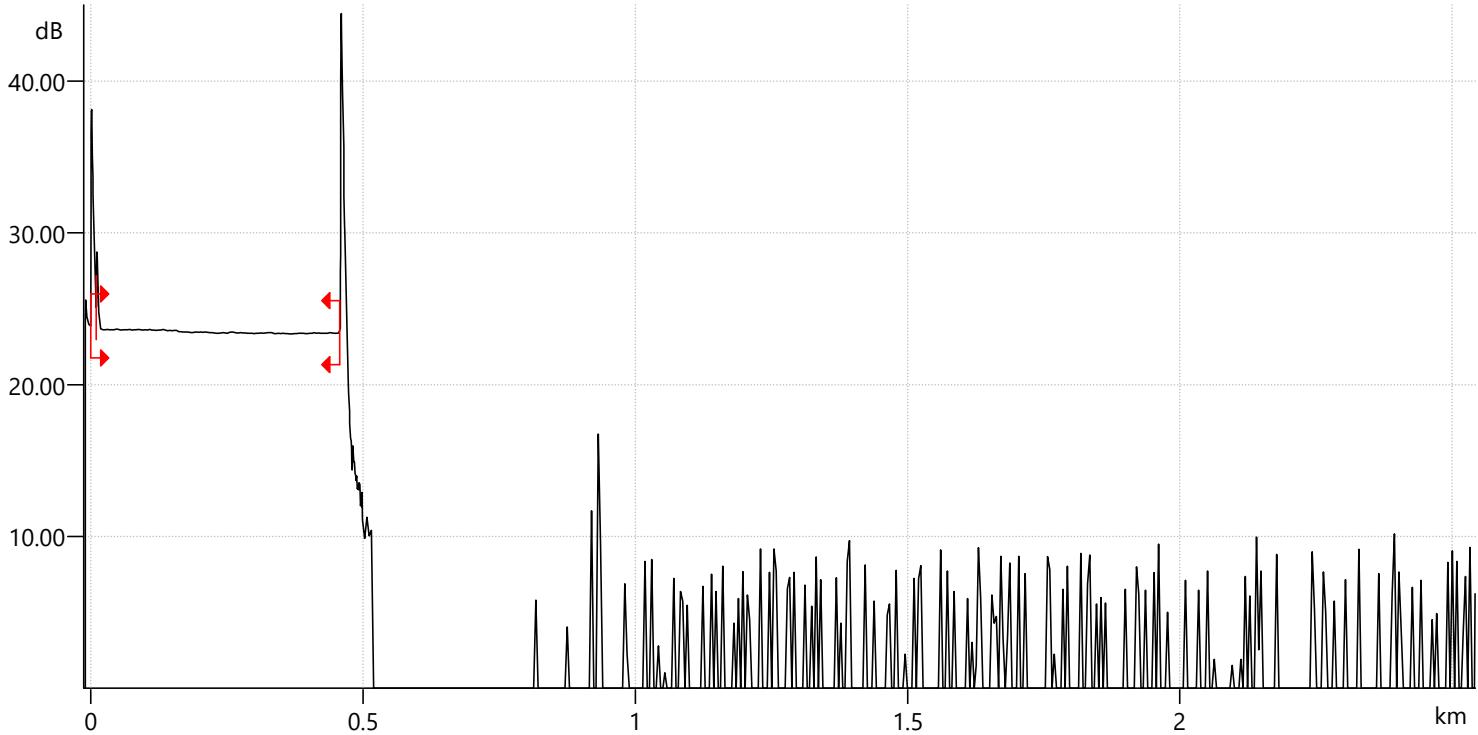
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_08.sor

Job Name:

Summary

Fiber Length: 0.457 km
Attenuation: 1.084 dB/km
Total Loss: 0.496 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-42.807	-
	Comment:				
2	Reflection	0.010	1.453	-62.236	-
	Comment:				
3	End	0.457	3.000	-29.455	-
	Comment:				

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:16:53
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

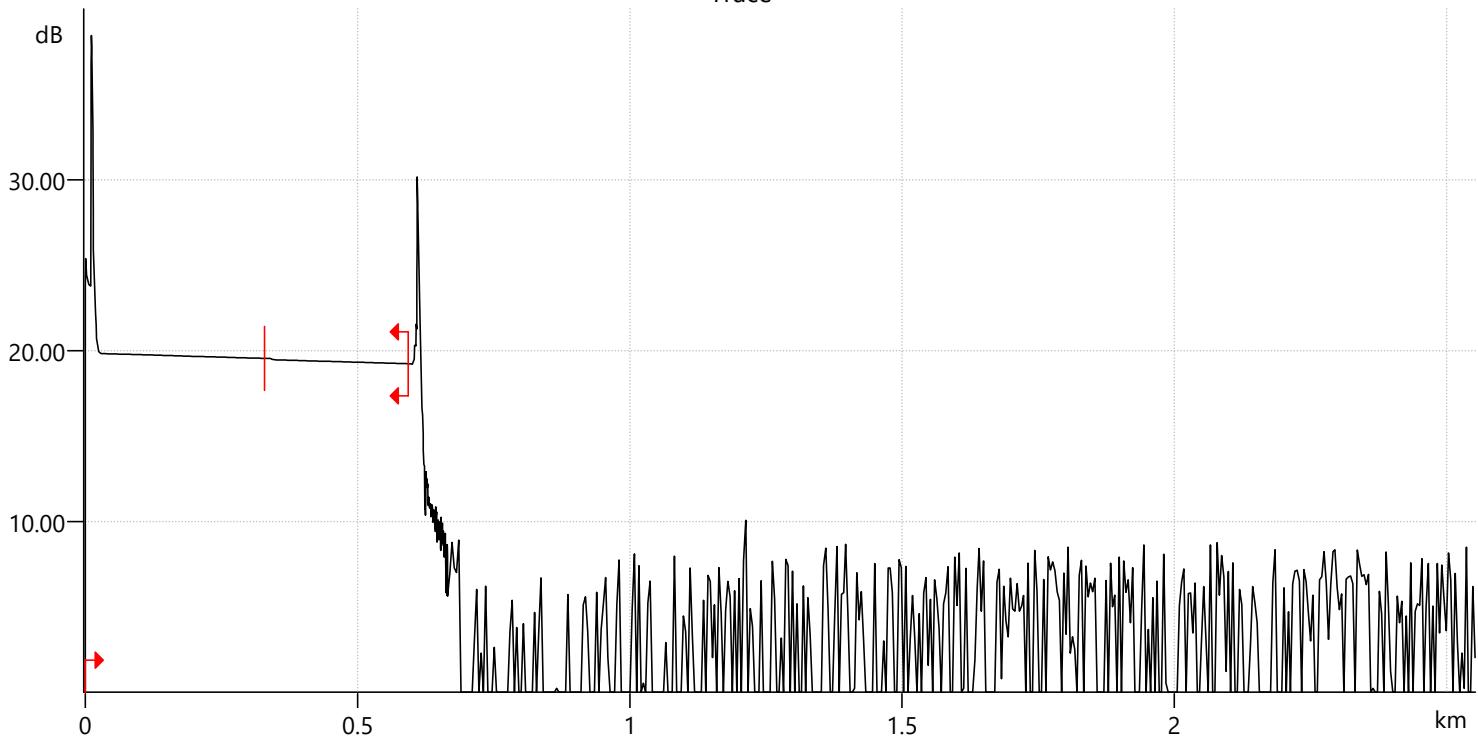
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_09.sor

Fiber Length: 0.593 km
Attenuation: 0.592 dB/km

Summary

Total Loss: 0.351 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.180	- - -
2	Loss	0.330	0.013	- - -	0.651
3	End	0.593	3.000	-31.117	0.467

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:16:10
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

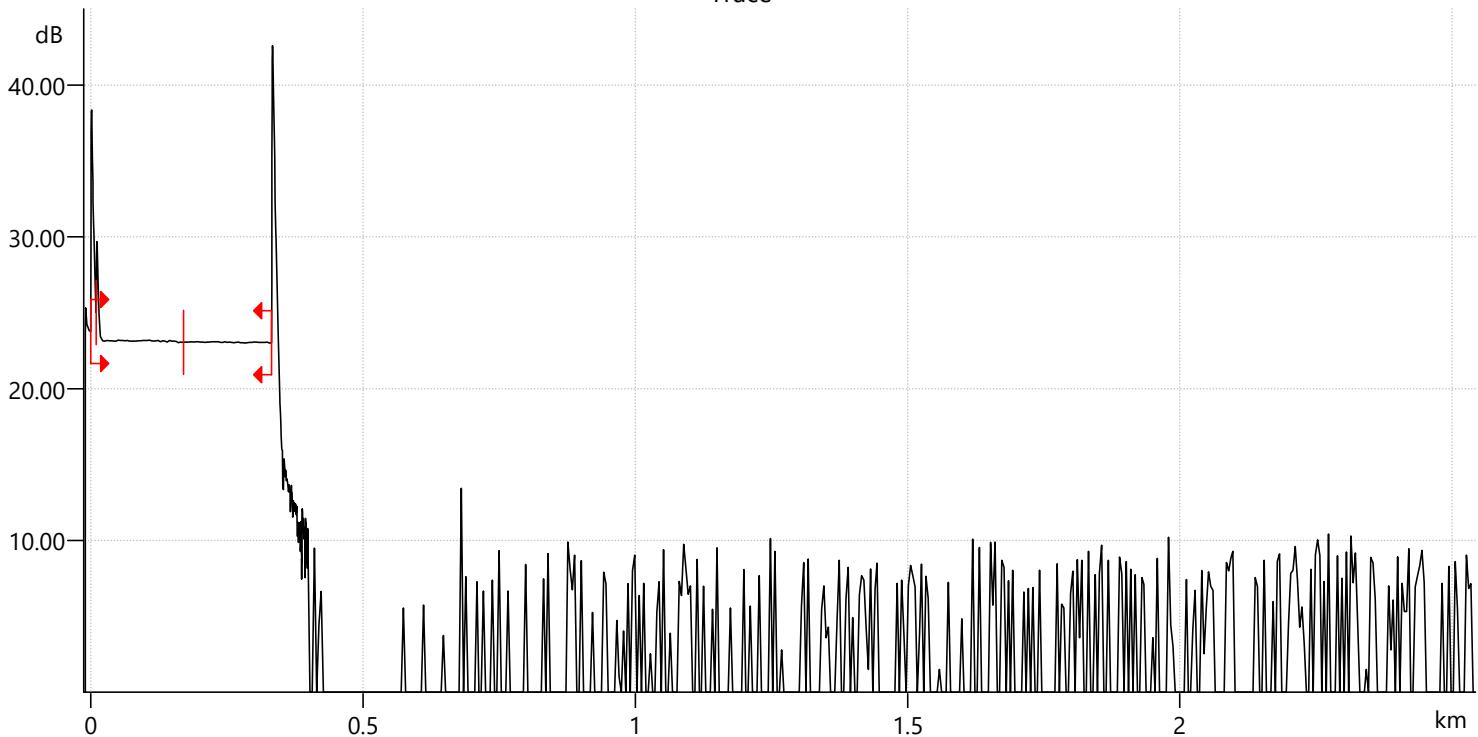
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_10.sor

Fiber Length: 0.332 km
Attenuation: 5.852 dB/km

Summary

Total Loss: 1.942 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.026	- - -
2	Reflection	0.010	1.826	-59.893	- - -
3	Gain	0.170	-0.013	- - -	0.484
4	End	0.332	3.000	-32.355	0.318

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:20:01
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

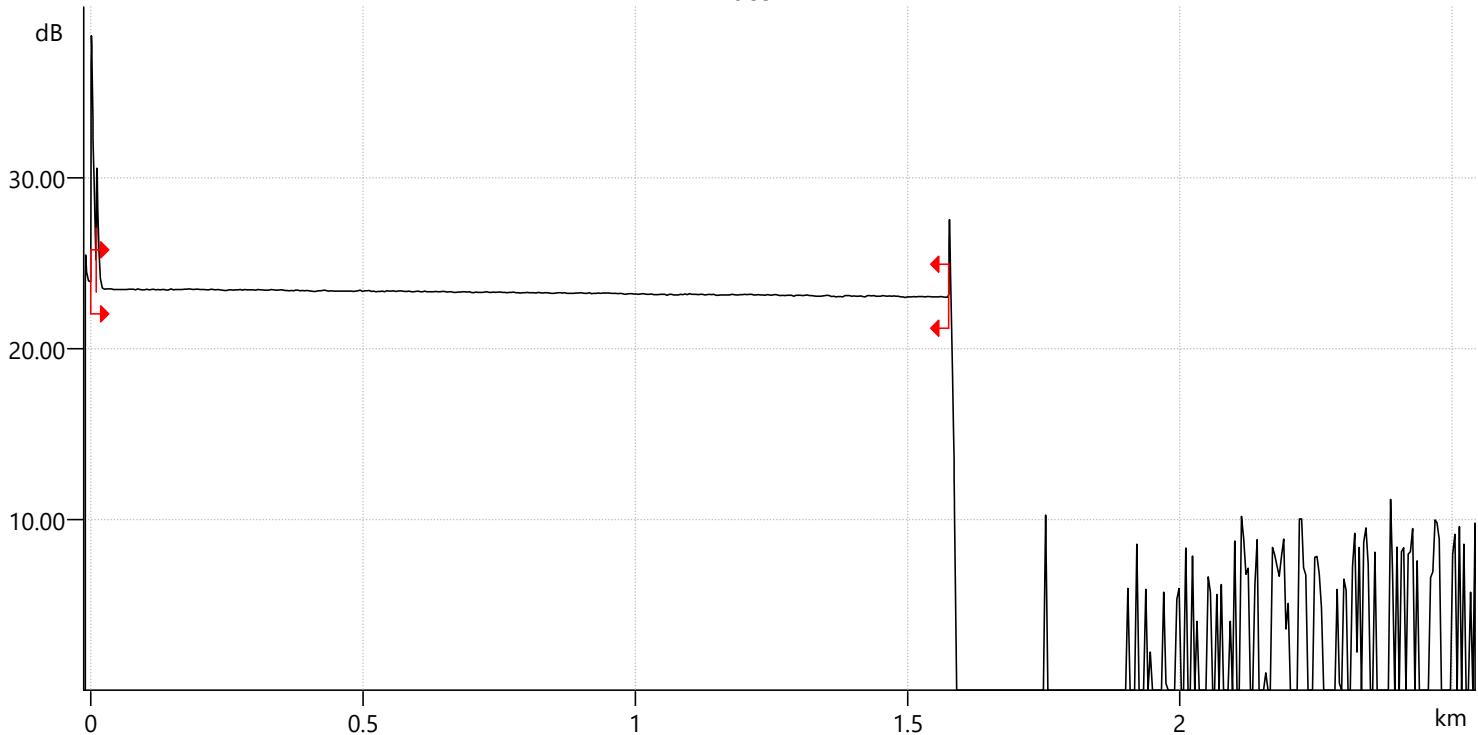
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_11.sor

Fiber Length: 1.576 km
Attenuation: 0.555 dB/km

Summary

Total Loss: 0.874 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.692	- - -
2	Reflection	0.010	1.673	-58.350	- - -
3	End	1.576	23.024	-62.843	- - -

OTDR Report

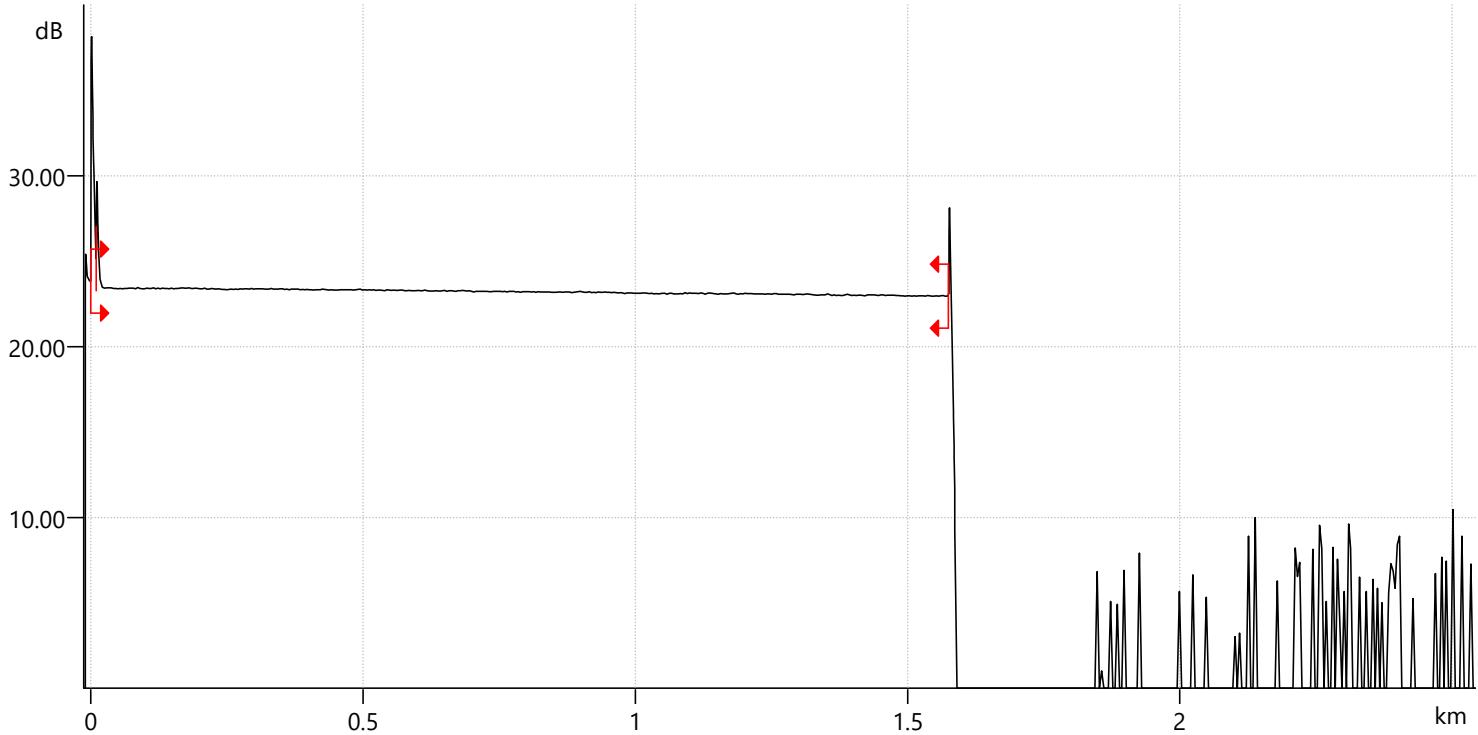
Parameters

Begin: End:
Cable: Fiber:
Range: 2.553 km Pulse Width: 10 ns
Wavelength: 1310 nm (Singlemode) Refractive index: 1.46900
Loss Threshold: 0.010 dB Refl. Threshold: -60.000 dB
Date: 10-Jan-25 17:19:30 File: DIST_SEMANDING_12.sor
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer: Job Name:
Supplier: ANRITSU
Comment:

Summary

Fiber Length: 1.575 km Total Loss: 0.854 dB
Attenuation: 0.542 dB/km

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.554	- - -
2	Reflection	0.010	1.697	-60.104	- - -
3	End	1.575	22.958	-61.387	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:20:40
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

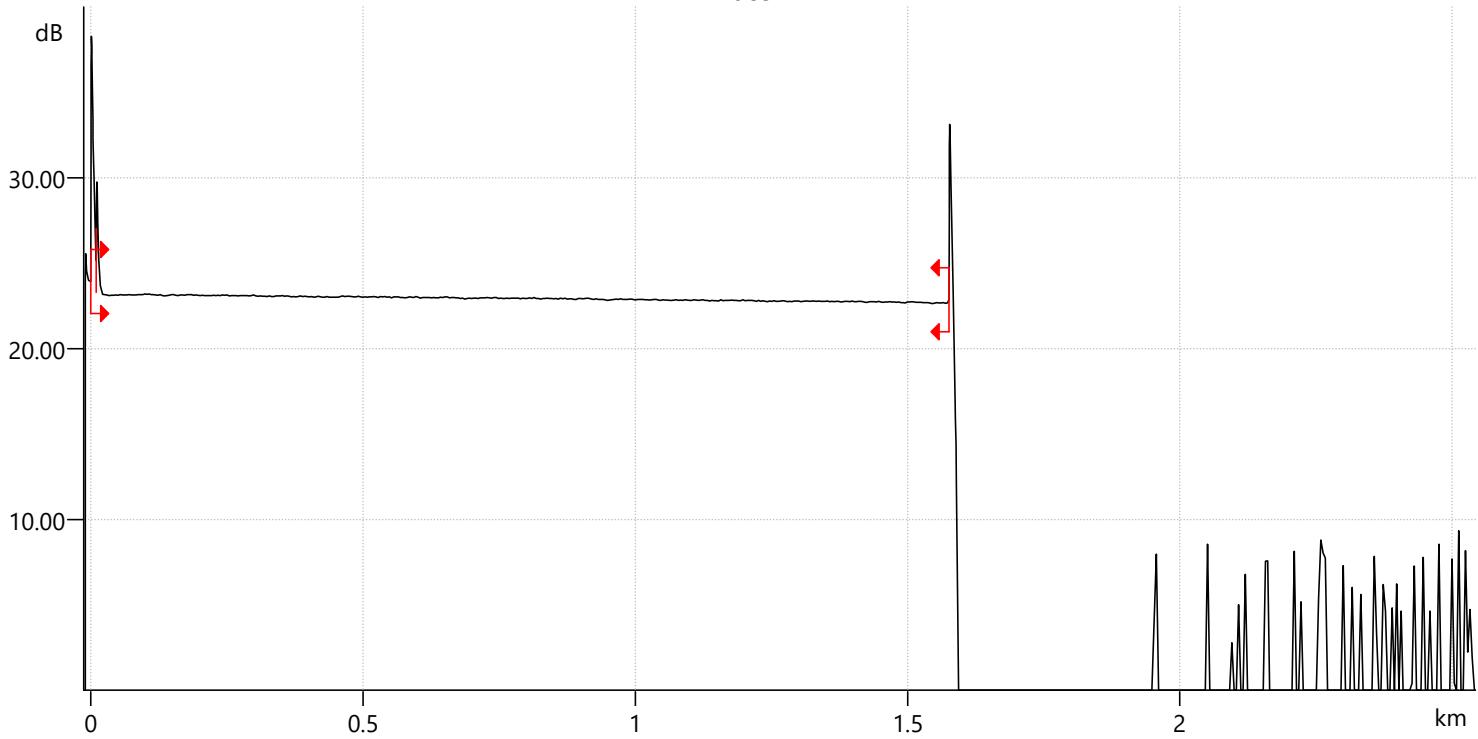
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_13.sor

Job Name:

Summary

Fiber Length: 1.576 km
Attenuation: 0.775 dB/km
Total Loss: 1.222 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-42.802	-
	Comment:				
2	Reflection	0.010	1.994	-60.117	-
	Comment:				
3	End	1.576	22.698	-50.592	-
	Comment:				

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:20:40
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

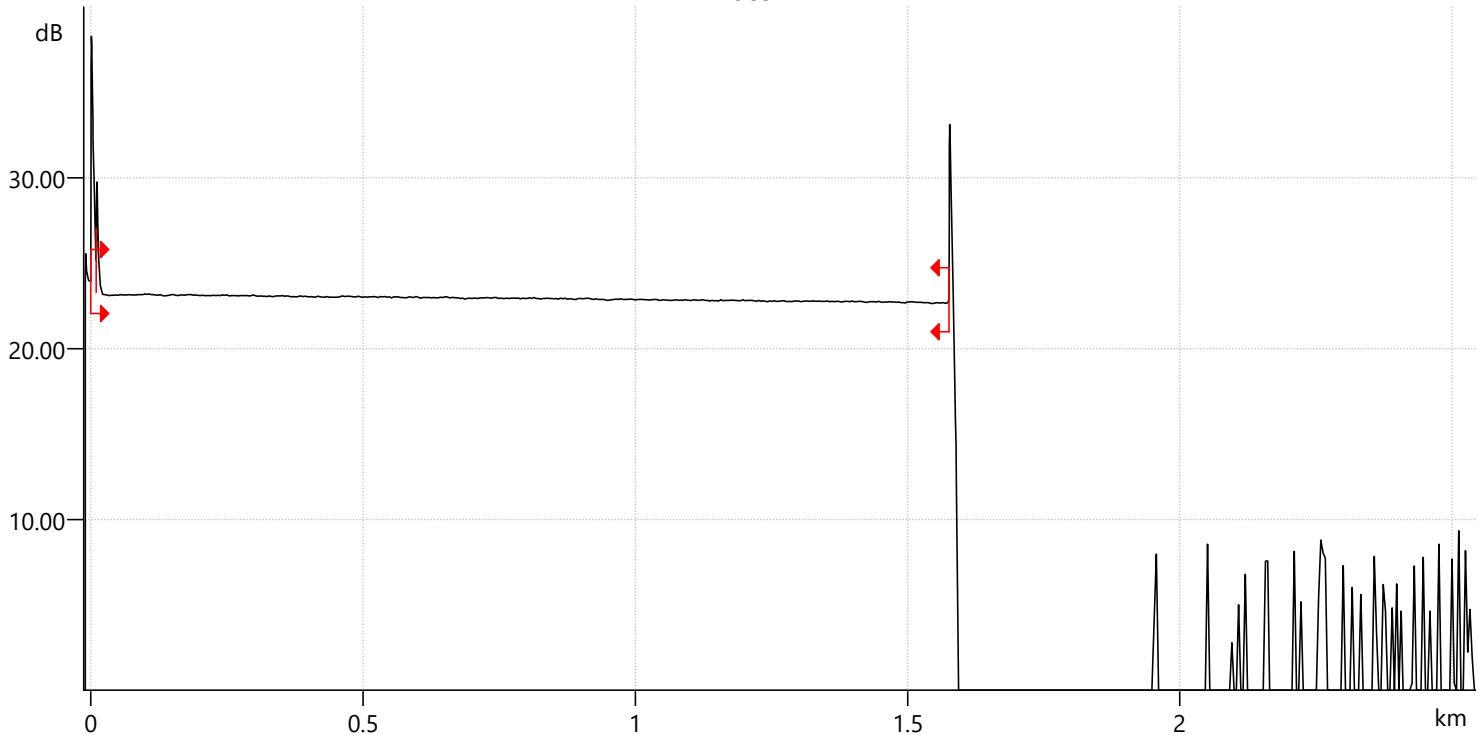
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_14.sor

Fiber Length: 1.576 km
Attenuation: 0.775 dB/km

Summary

Total Loss: 1.222 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-42.802	-
2	Reflection	0.010	1.994	-60.117	-
3	End	1.576	22.698	-50.592	-

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:21:11
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

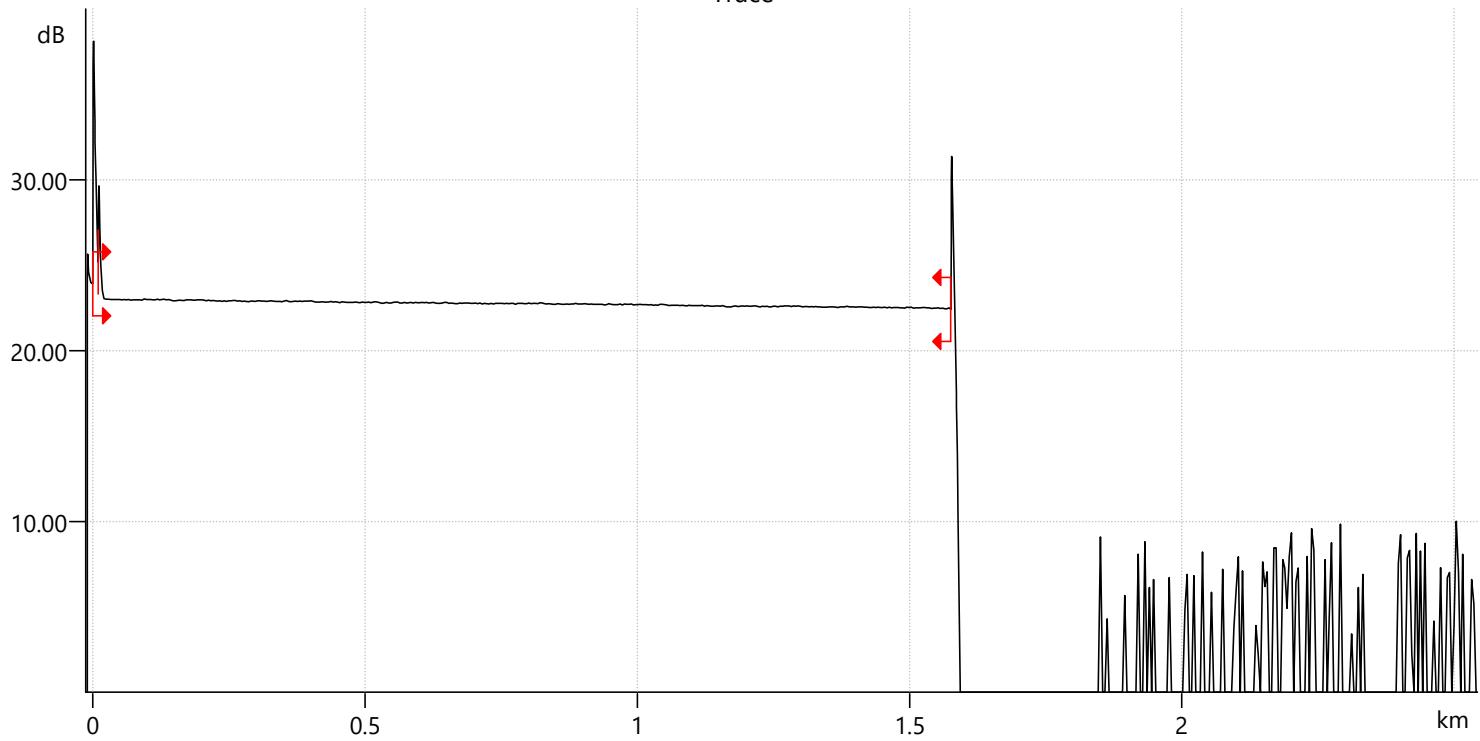
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_15.sor

Summary

Total Loss: 1.443 dB

Fiber Length: 1.576 km
Attenuation: 0.916 dB/km

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-42.809	-
	Comment:				
2	Reflection	0.010	2.184	-60.320	-
	Comment:				
3	End	1.576	22.477	-53.584	-
	Comment:				

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:21:54
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

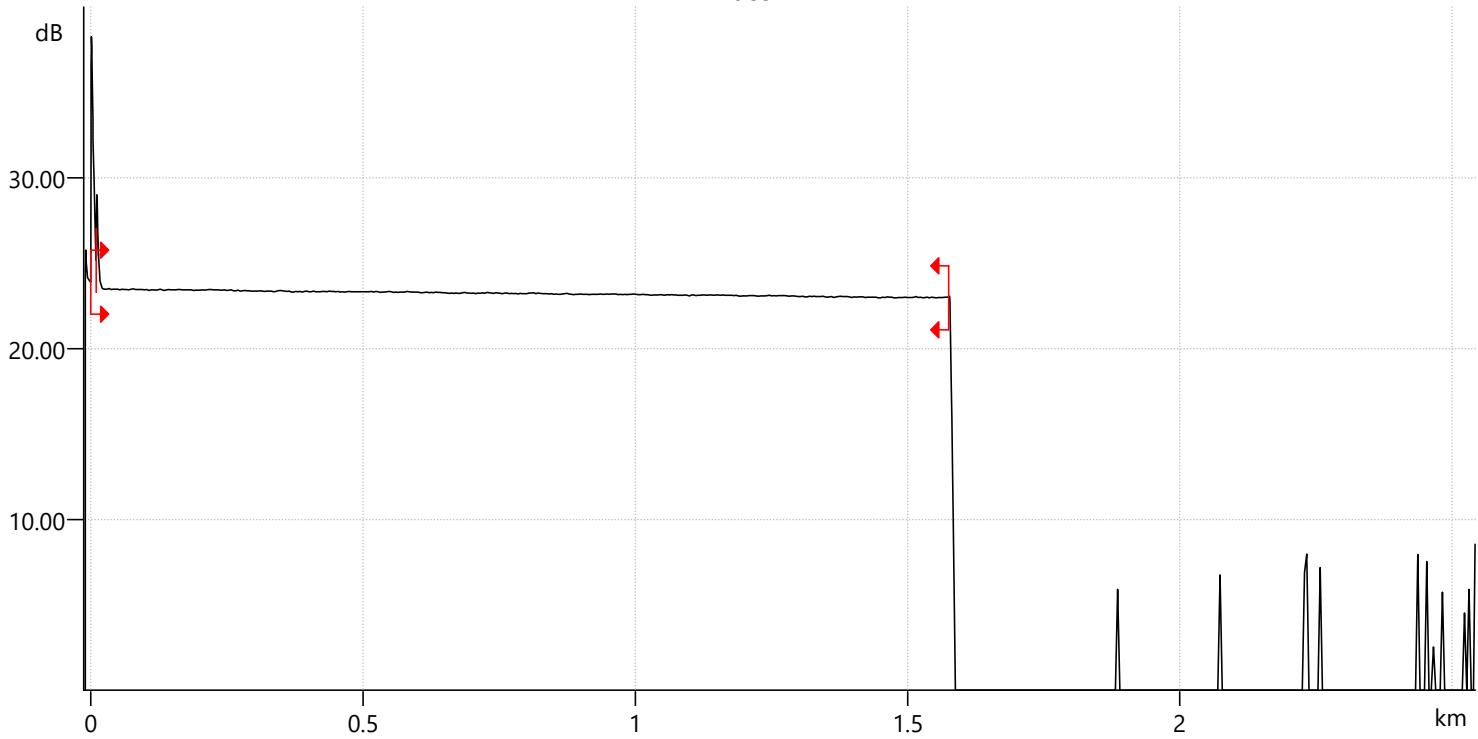
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_16.sor

Fiber Length: 1.576 km
Attenuation: 0.556 dB/km

Summary

Total Loss: 0.876 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.753	- - -
2	Reflection	0.010	1.691	-61.664	- - -
3	End	1.576	22.978	- - -	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:22:45
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

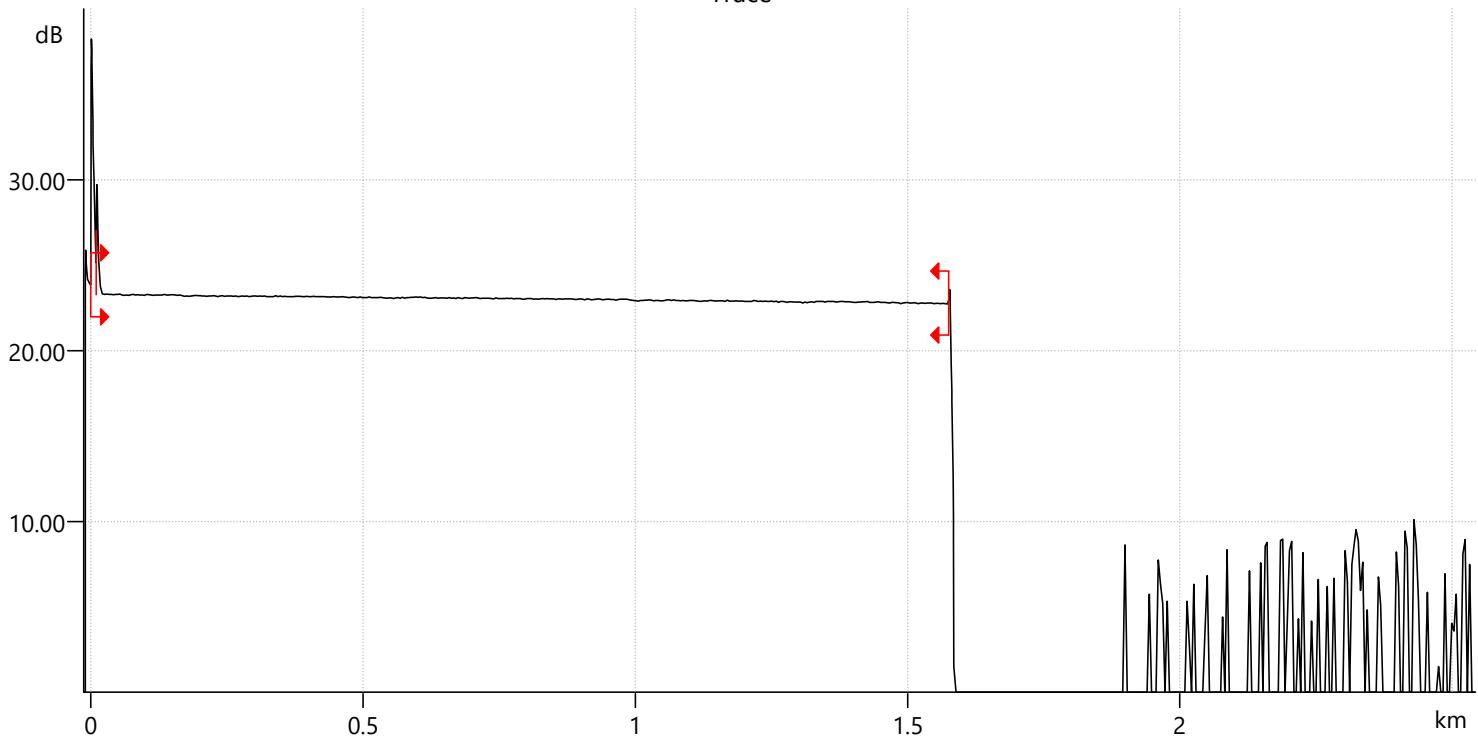
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_17.sor

Fiber Length: 1.576 km
Attenuation: 0.713 dB/km

Summary

Total Loss: 1.123 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.751	- - -
2	Reflection	0.010	1.859	-60.067	- - -
3	End	1.576	21.265	- - -	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:23:27
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

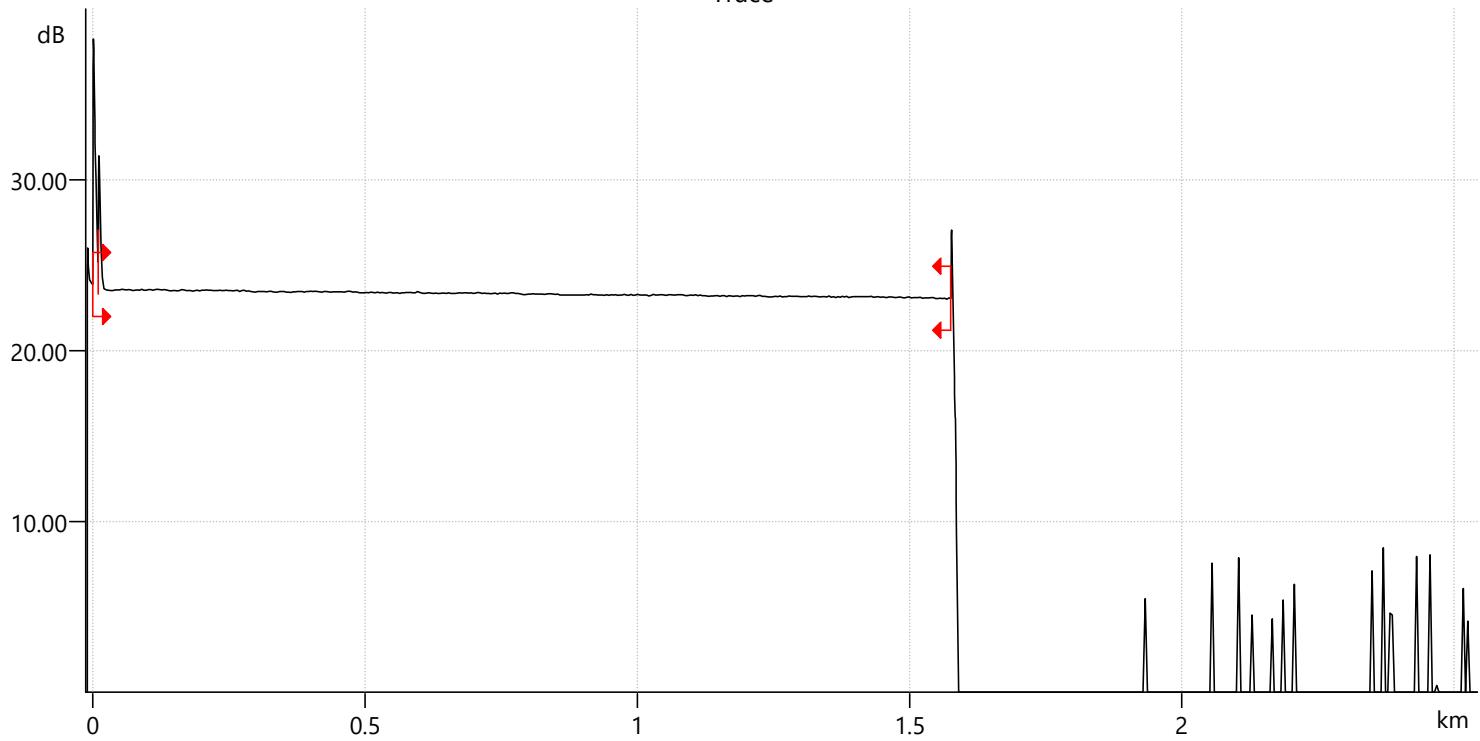
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_18.sor

Fiber Length: 1.576 km
Attenuation: 0.531 dB/km

Summary

Total Loss: 0.836 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.806	- - -
2	Reflection	0.010	1.615	-56.557	- - -
3	End	1.576	23.077	-64.241	- - -

OTDR Report

Parameters

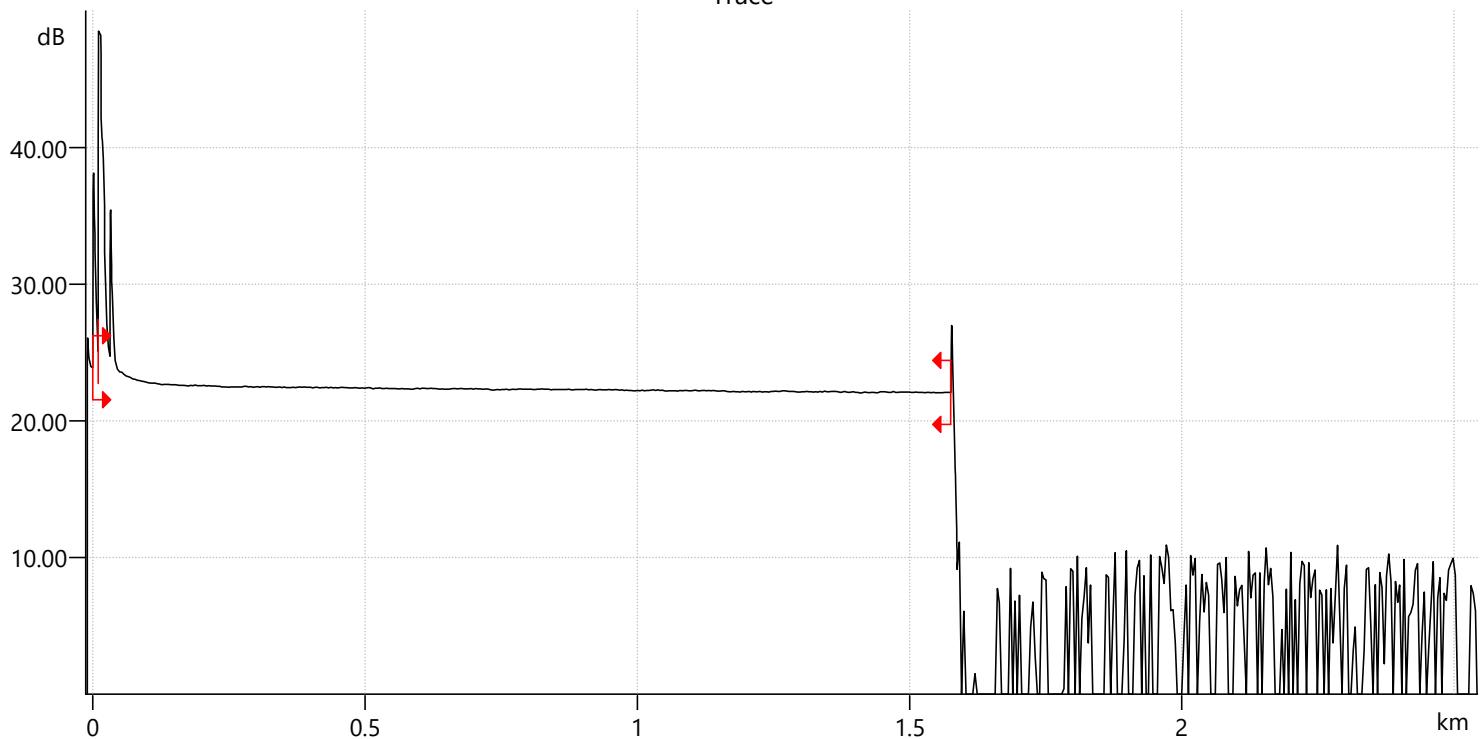
Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:24:06
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_19.sor

Summary

Fiber Length: 1.576 km
Total Loss: 1.784 dB
Attenuation: 1.132 dB/km

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.778	- - -
2	Comment:				
2		0.010	2.483	-22.226	- - -
2	Comment:				
3	End	1.576	22.057	-62.058	- - -
3	Comment:				

OTDR Report

Parameters

Begin:
 Cable:
 Range: 2.553 km
 Wavelength: 1310 nm (Singlemode)
 Loss Threshold: 0.010 dB
 Date: 10-Jan-25 17:24:44
 OTDR: MT9090A S/N: 6262083753
 Module: MU909014C-057 S/N: 6262065635
 Customer:
 Supplier: ANRITSU
 Comment:

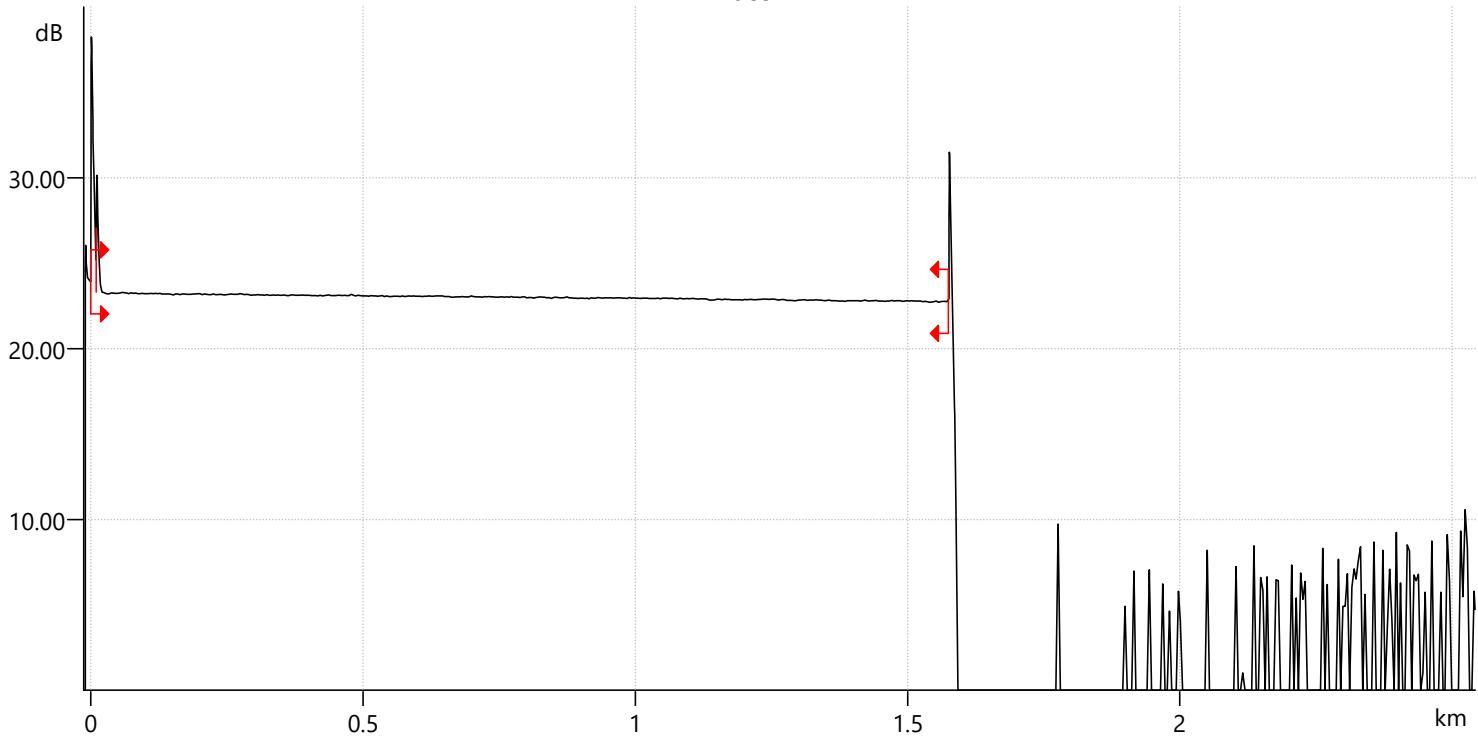
Job Name:

Summary

Total Loss: 1.155 dB

Fiber Length: 1.575 km
 Attenuation: 0.733 dB/km

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.851	- - -
2	Reflection	0.010	1.938	-59.208	- - -
3	End	1.575	22.752	-54.087	- - -

OTDR Report

Parameters

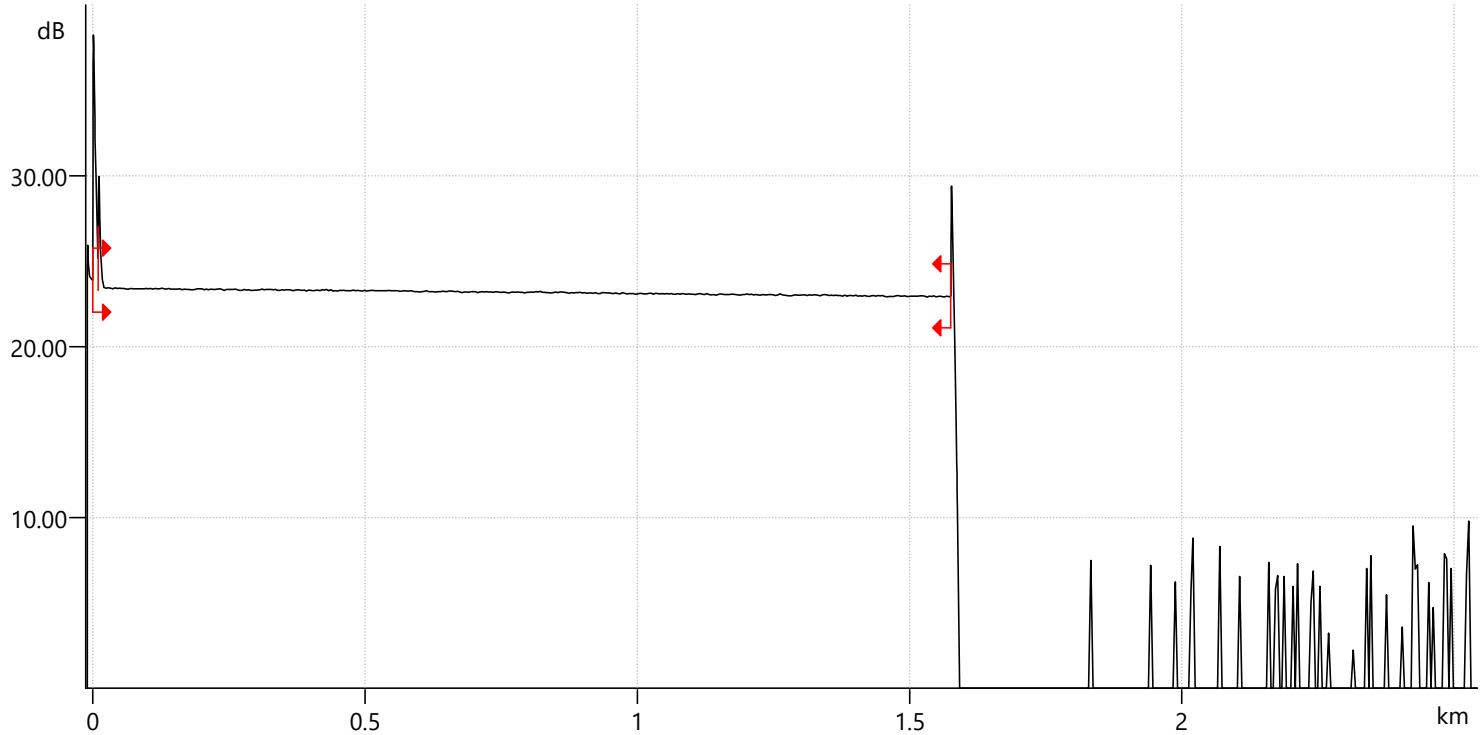
Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:25:28
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

Job Name:

Summary

Fiber Length: 1.576 km
Attenuation: 0.607 dB/km
Total Loss: 0.956 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.818	- - -
2	Reflection	0.010	1.762	-59.592	- - -
3	End	1.576	22.926	-58.732	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:26:31
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

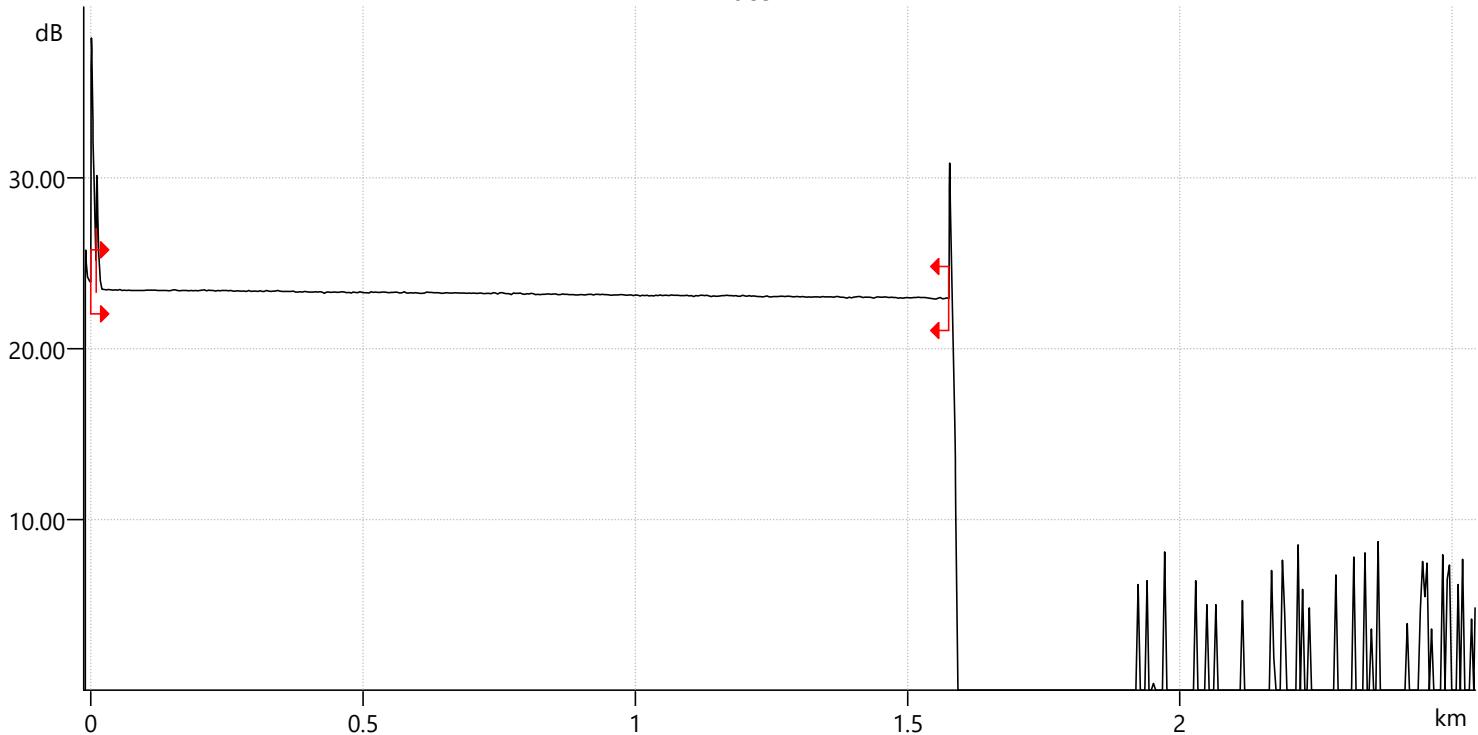
Job Name:

Summary

Total Loss: 0.948 dB

Fiber Length: 1.576 km
Attenuation: 0.602 dB/km

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	-	-42.949	-
	Comment:				
2	Reflection	0.010	1.717	-59.260	-
	Comment:				
3	End	1.576	22.954	-55.682	-
	Comment:				

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:27:05
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

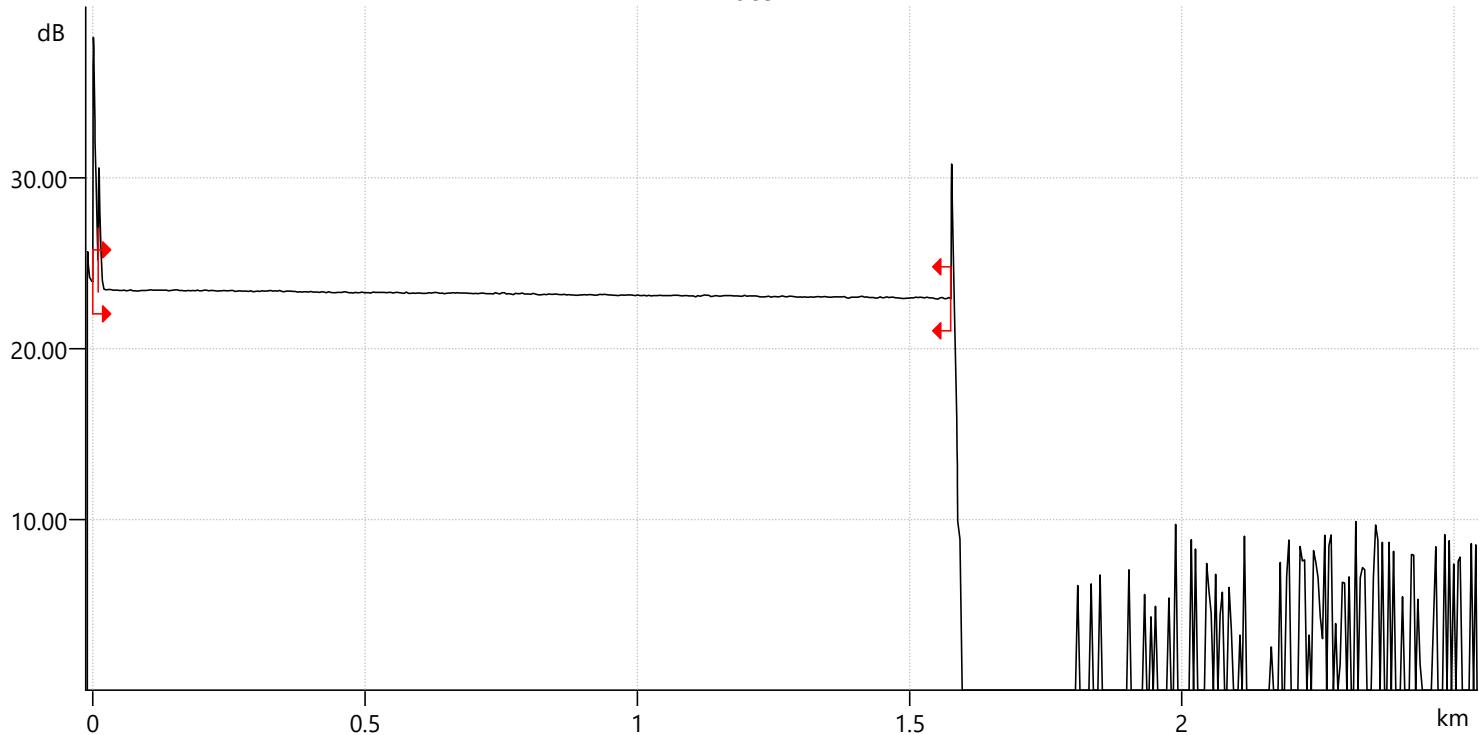
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_23.sor

Fiber Length: 1.576 km
Attenuation: 0.612 dB/km

Summary

Total Loss: 0.965 dB

Trace



Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.917	- - -
2	Reflection	0.010	1.732	-58.323	- - -
3	End	1.576	22.954	-55.764	- - -

OTDR Report

Parameters

Begin:
Cable:
Range: 2.553 km
Wavelength: 1310 nm (Singlemode)
Loss Threshold: 0.010 dB
Date: 10-Jan-25 17:27:41
OTDR: MT9090A S/N: 6262083753
Module: MU909014C-057 S/N: 6262065635
Customer:
Supplier: ANRITSU
Comment:

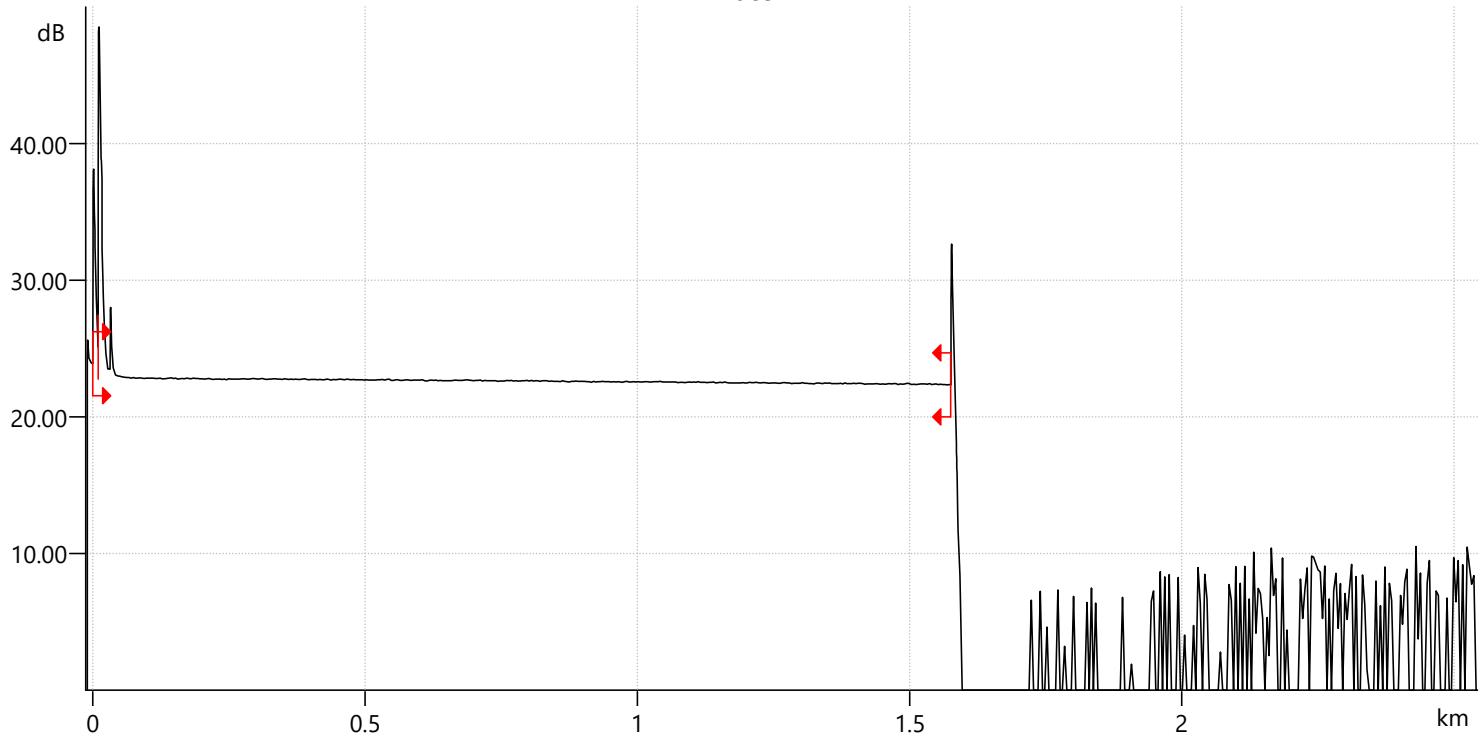
End:
Fiber:
Pulse Width: 10 ns
Refractive index: 1.46900
Refl. Threshold: -60.000 dB
File: DIST_SEMANDING_24.sor

Job Name:

Summary

Fiber Length: 1.576 km
Attenuation: 0.989 dB/km
Total Loss: 1.558 dB

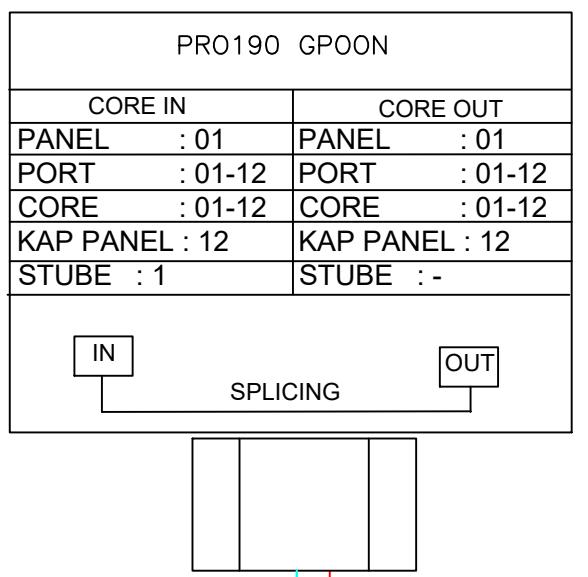
Trace



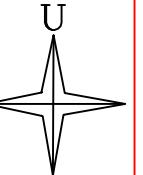
Event Table

Nº	Type	Distance, km	Loss, dB	Reflection, dB	Attenuation, dB/km
1	Begin	0.000	- - -	-42.786	- - -
2		0.010	2.240	-22.236	- - -
3	End	1.576	22.374	-50.948	- - -

CSF MINI OLT SEMANDING (EKSISTING)
 Ngologong, Semanding
 Kec. Jenangan
 Kabupaten JENANGAN, Jawa Timur 63492
 -7.809253°, 111.567021°
 OS-SM-1 = 24
 TC-02-ODC = 1
 PC-UPC-657-2 = 3
 BC-TR-0.4 = 9
 SLACK SUPPORT HH = 1



SITE PRO190
 KEMIRI JENANGAN
 Long : -7.809010°
 Lat : 111.566830°



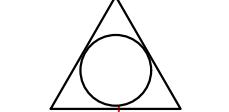
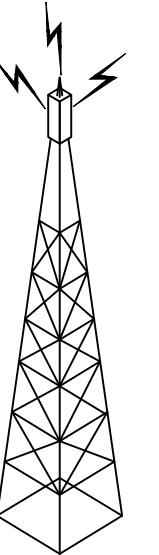
REDLINE

NO KONTRAK : K.TEL.025/HK.810/OPS-1000000/2021 TGL 13 SEPT 2021
 NO SP : No. K.TEL.004338/HK.810/GPP-A200000/2024, Tanggal 11 September 2024

LEGENDS

NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS

OTB SITE PRO190 (EKSISTING)
 Ngologong, Semanding
 Kec. Jenangan
 Kabupaten JENANGAN
 Jawa Timur 63492
 -7.808947°, 111.566801°



PATCHORD(01-02)(NEW)

NEW ODC-JEN-FB

ODC-C-144 = 1
 OS-SM-1 = 24
 TC-02-ODC = 2
 SLACK SUPPORT HH = 2

HH-PIT-80 = 1

GB-G3 = 1

PS 1:4 ODC = 1

JL. RAYA NGEBEL-JENANGAN

-7.812660°, 111.567388°

CORE IN CORE OUT

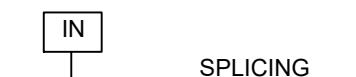
TRAY : 01-02 TRAY : 01-02

PORT : 01-24 PORT : 01-24

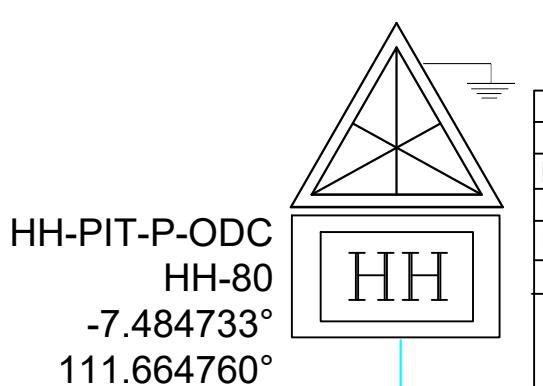
CORE : 01-24 CORE : 01-24

KAP PANEL : 24 KAP PANEL : 24

STUB : 1 STUBE : 1



FE-JEN-02-01
 AC-OF-SM-24D (671M)



PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES

FIRMANSYAH KURNIA A. NIK: 930339 ELISSA DELLA R. P. NIK: 945308

MENGELUARAI/MENYETUJUI : MGR ACCESS NET FTTH, CNOP & OLO DEPLOY II

SUBEKTI WIBOWO S.KOMP.
 NIK: 730118

PT. TELEKOMUNIKASI INDONESIA

REVISI **GAMBAR :** SMDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING

LOKASI STO : JENANGAN

DIGAMBAR	NAMA	TANGGAL	NO GAMBAR	SCALE
DIPERIKSA				—
DISETUJUI			LEMBAR KE 1	DARI LEMBAR A-3

TELKOM AKSES

SITE PRO190
KEMIRI JENANGAN
Long : -7,809010°
Lat : 111.566830°

CSF MINI OLT SEMANDING (EKSISTING)

Ngologong, Semanding
Kec. Jenangan

Kabupaten JENANGAN, Jawa Timur 63492

-7.809253°, 111.567021°

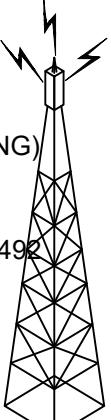
OS-SM-1 = 24

TC-02-ODC = 1

PC-UPC-657-2 = 3

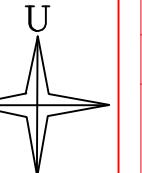
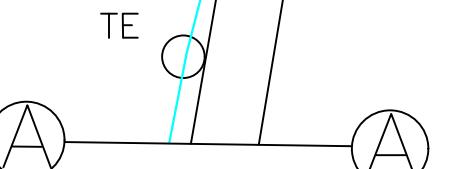
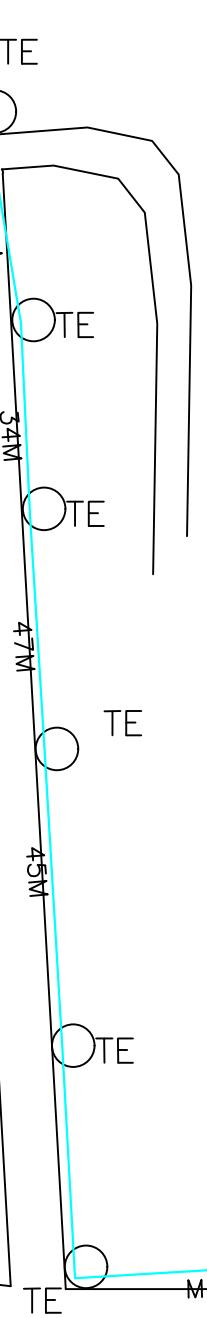
BC-TR-0.4 = 9

SLACK SUPPORT HH = 1



CSF MINI OLT SEMANDING
(EKSISTING)

Ngologong, Semanding
Kec. Jenangan
Kabupaten JENANGAN, Jawa Timur 63492
-7.809253°, 111.567021°



REDLINE

NO KONTRAK : K.TEL.025/HK.810/OPS-1000000/2021 TGL 13 SEPT.2021
NO SP : No. K.TEL.004338/HK.810/GPP-A020000/2024, Tanggal 11 September 2024

LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS



PT. TELKOM INFRASTRUKTUR

SUPERVISOR TIF

FIRMANSYAH KURNIA A.
NIK: 930339

PT. TELKOM AKSES

ELISSA DELLA R. P.
NIK: 945308

MENGETAHUI/MENYETUJUI :
MGR ACCESS NEW FTTH, CNOP & OLO DEPLOY II

SUBEKTI WIBOWO S.KOMP
NIK: 730118

PT. TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	SMDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING			
		LOKASI STO : JENANGAN			
		DIGAMBAR	NAMA	TANGGAL	NO GAMBAR
		DIPERIKSA			SCALE
		DISETUJUI			
			LEMBAR KE	DARI	LEMBAR
			1	A-3	
					TELKOM AKSES

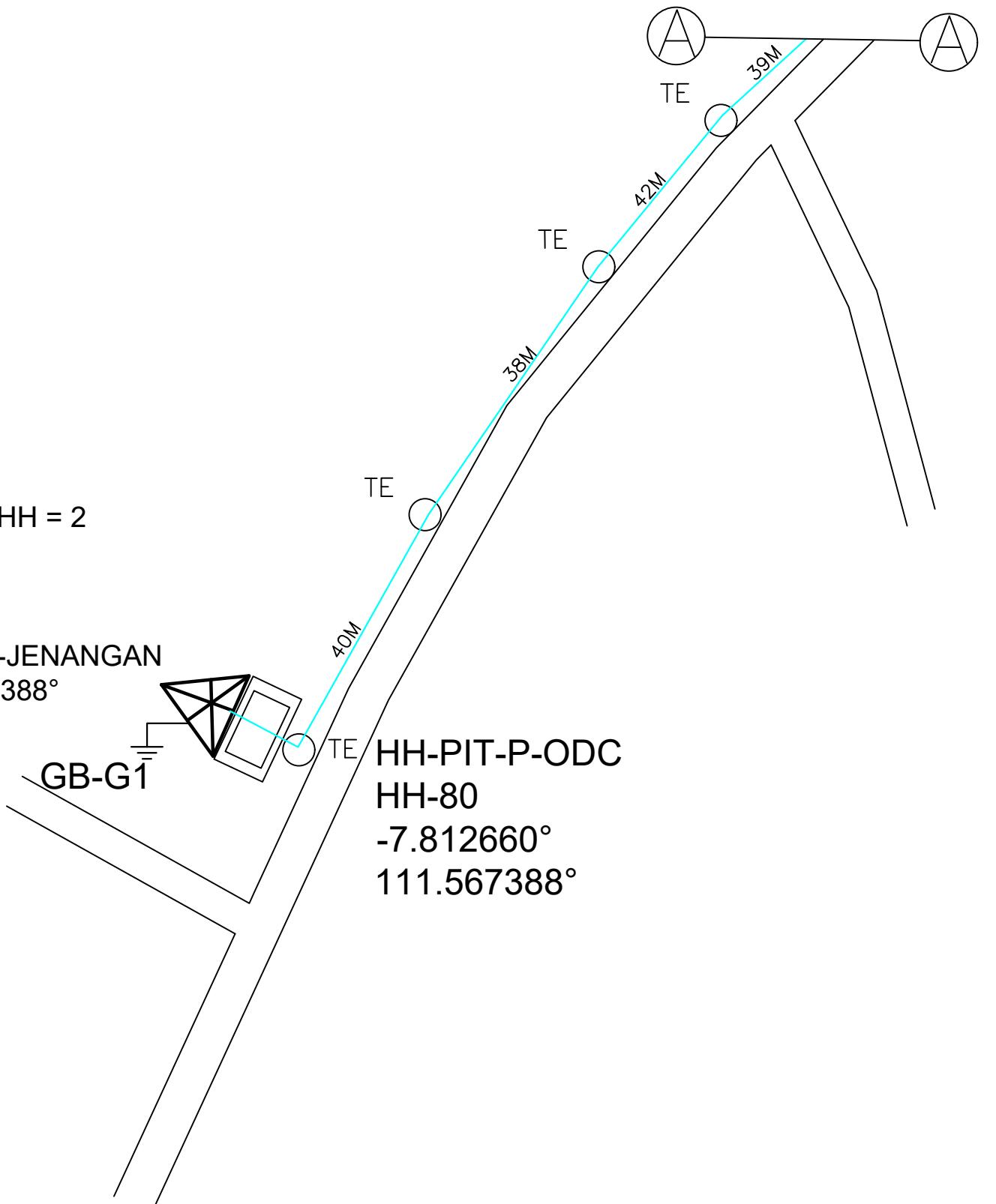


REDLINE

NO KONTRAK : K.TEL.025/HK.810/OPS-1000000/2021 TGL 13 SEPT 2021
 NO SP : No. K.TEL.004338/HK.810/GPP-A020000/2024, Tanggal 11 September 2024

LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS

NEW ODC-JEN-FB
 ODC-C-144 = 1
 OS-SM-1 = 24
 TC-02-ODC = 2
 SLACK SUPPORT HH = 2
 HH-PIT-80 = 1
 GB-G3 = 1
 PS 1:4-ODC = 3
 JL. RAYA NGEBEL-JENANGAN
 -7.812660°, 111.567388°



PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES

FIRMANSYAH KURNIA A.
NIK: 930339 ELISSA DELLA R. P.
NIK: 945308

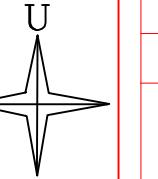
MENGETAHUI/MENYETUJUI
MGR ACCESS NEW FTTH, CNOP & OLO DEPLOY II

SUBEKTI WIBOWO S.KOMP
NIK : 730118

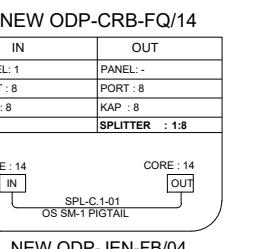
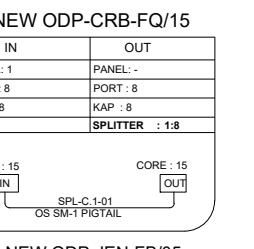
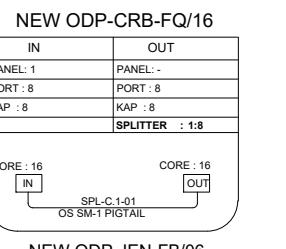
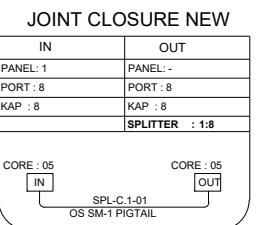
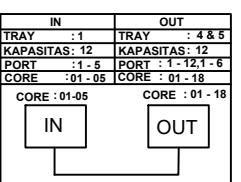
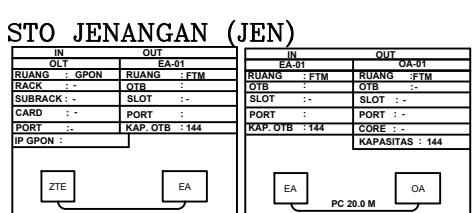
PT.TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	SMDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING			
		LOKASI STO : JENANGAN			
		DIGAMBAR	NAMA	TANGGAL	NO GAMBAR
		DIPERIKSA			SCALE
		DISETUJUI			—
				LEMBAR KE 1	DARI LEMBAR
				A-3	

TELKOM AKSES



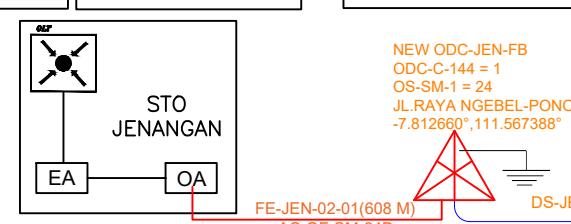
LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS



NEW ODP-JEN-FB/06
 FB/D01/06.01
 ODP-SOLID-PB-8-AS
 SPL-C.1-01 1X1:8
 CORE : 06
 -7.813925°, 111.564665°

NEW ODP-JEN-FB/05
 FB/D01/05.01
 ODP-SOLID-PB-8-AS
 SPL-C.1-01 1X1:8
 CORE : 05
 -7.814125°, 111.563242°

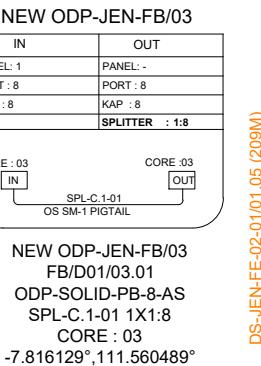
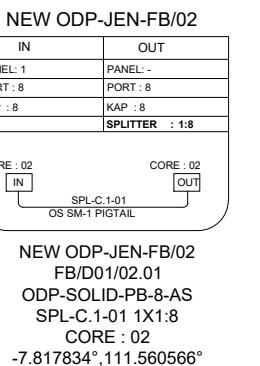
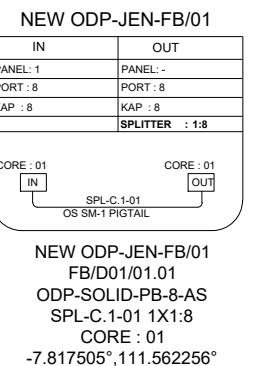
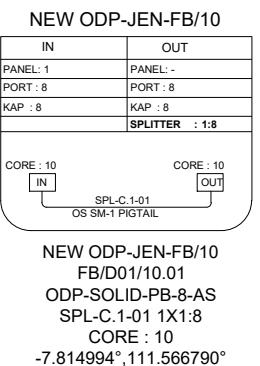
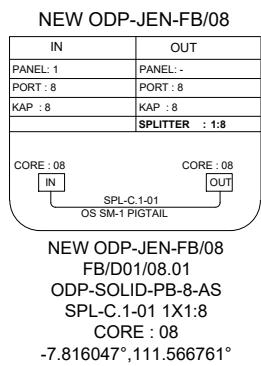
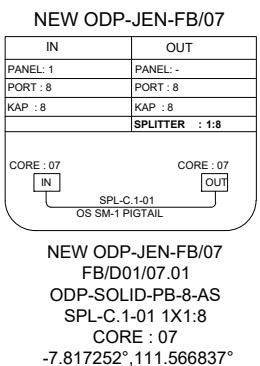
NEW ODP-JEN-FB/04
 FB/D01/04.01
 ODP-SOLID-PB-8-AS
 SPL-C.1-01 1X1:8
 CORE : 04
 -7.814946°, 111.561878°



DS-JEN-FE-02-01/01.01(220 M) AC-OF-SM-ADSS-24D

DS-JEN-FE-02-01/01.03 (171M) AC-OF-SM-ADSS-24D

DS-JEN-FE-02-01/01.04 (196M) AC-OF-SM-ADSS-24D

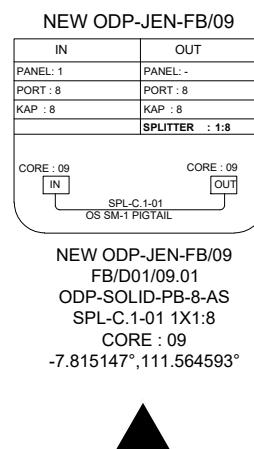


DS-JEN-FE-02-01/01.01.01 (144M) AC-OF-SM-ADSS-12D

DS-JEN-FE-02-01/01.01.02 (125M) AC-OF-SM-ADSS-12D

DS-JEN-FE-02-01/01.07 (197M) AC-OF-SM-ADSS-24D

DS-JEN-FE-02-01/01.06 (378M) AC-OF-SM-ADSS-24D



DS-JEN-FE-02-01/01.01.04 (261M) AC-OF-SM-ADSS-12D



PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES
 FIRMANSYAH KURNIA A. NIK: 930339 ELISSA DELLA R. P. NIK: 945308

MENGETAHUI/MENYETUJUI:
 MGR ACCESS NEW TTH, CNOP & OLO DEPLOY II
 SUBEKTI WIBOWO S.KOMP NIK: 730118

PT. TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	5MDN-JEN-PT3-SEMANDING JENANGAN DISTRIBUSI ODC-JEN-FB			
		LOKASI STO :	JENANGAN		
	DIGAMBAR	NAMA	TANGGAL	NO GAMBAR	SCALE
	DIPERIKSA				
	DISETUJUI				
		DARI	LEMBAR	A-3	

TELKOM AKSES

LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS



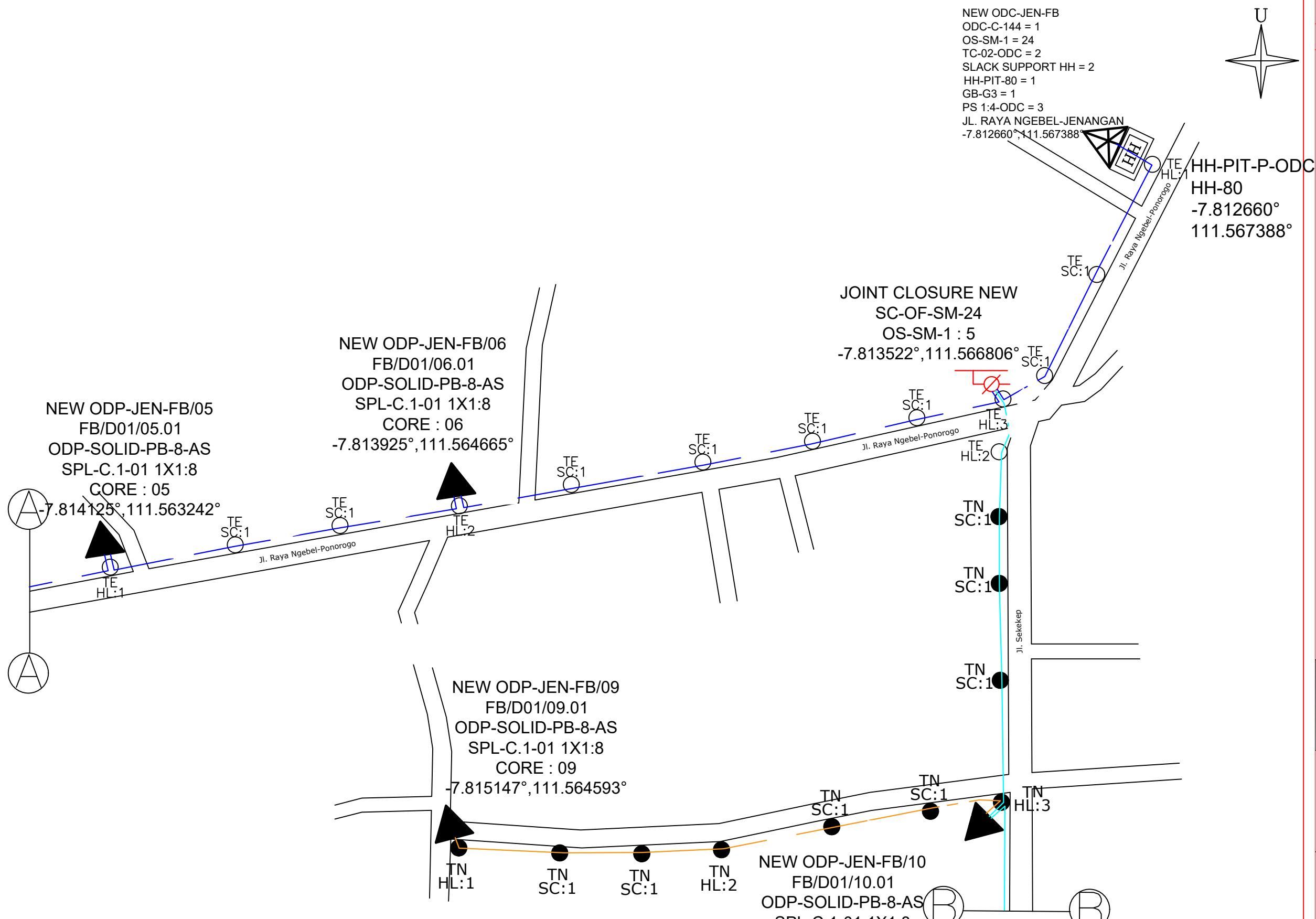
PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES
 FIRMANSYAH KURNIA A. NIK: 930339 ELISSA DELLA R. P. NIK: 945308

MENGETAHU/MENYETUJUI:
 MGR ACCESS NEW FTTH, CNOP & OLO DEPLOY II

SUBEKTI WIBOWO S.KOMP.
 NIK : 730118

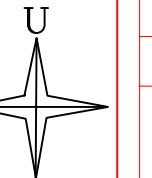
PT. TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	5MDN-JEN-PT3-SEMANDING JENANGAN DISTRIBUSI ODC-JEN-FB			
		LOKASI STO : JENANGAN			
		DIGAMBAR	NAMA	TANGGAL	NO GAMBAR
		DIPERIKSA			SCALE
		DISETUJUI		LEMBAR KE 1	DARI LEMBAR A-3
					TELKOM AKSES

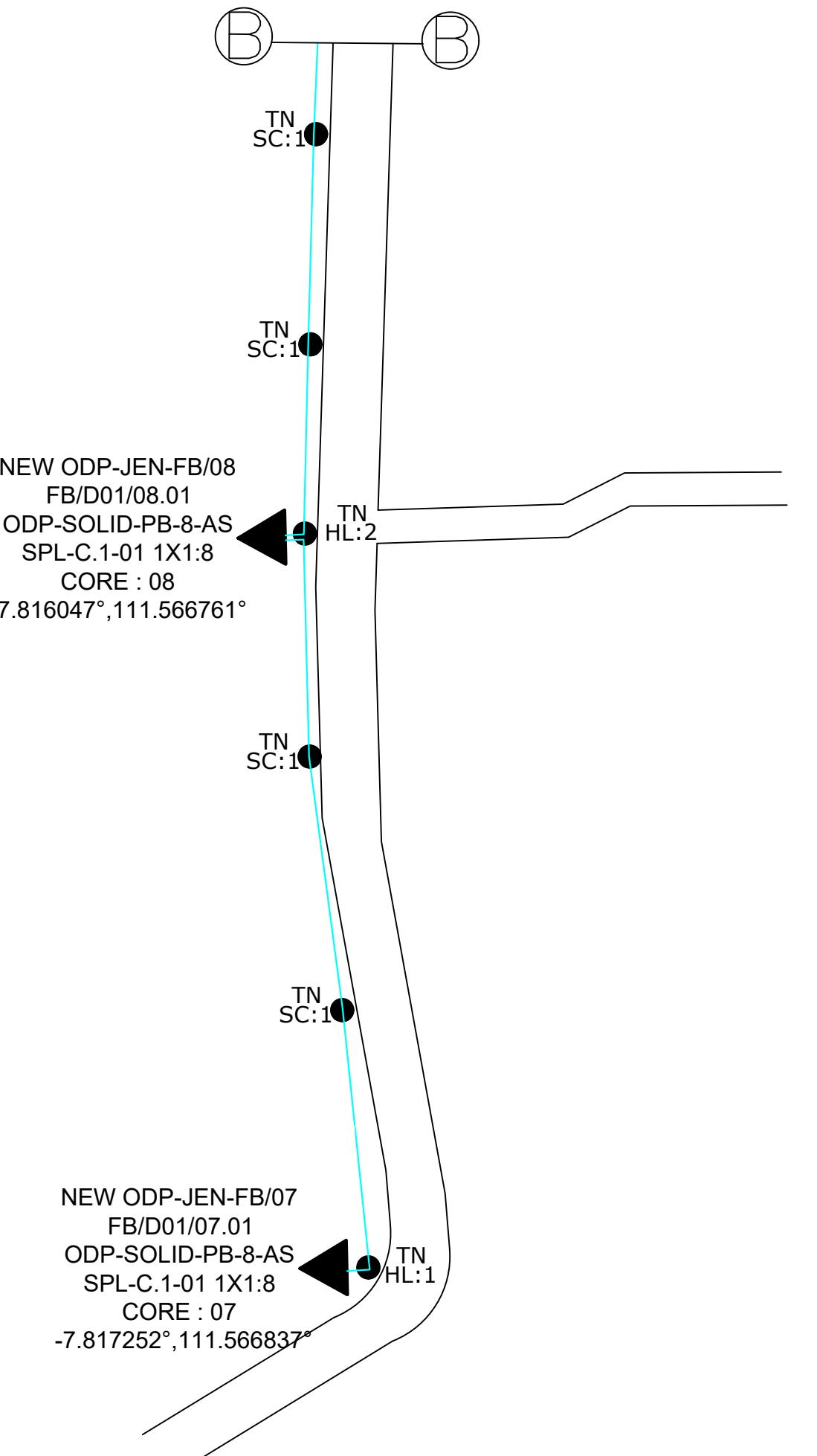


REDLINE

NO KONTRAK : K.TEL.025/HK.810/OPS-1000000/2021 TGL. 13 SEPT 2021
 NO SP :
 No. K.TEL.004338/HK.810/GPP-A020000/2024, Tanggal 11 September 2024



LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS



PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES

FIRMANSYAH KURNIA A.
 NIK: 930339 ELISSA DELLA R. P.
 NIK: 945308

MENGETAHUI/MENYETUJUI :
 MGR ACCESS NEW FTTH CNOP & OLO DEPLOY II

SUBEKTI WIBOWO S.KOMP
 NIK: 730118

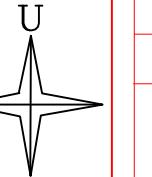
PT. TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	5MDN-JEN-PT3-SEMANDING JENANGAN DISTRIBUSI ODC-JEN-FB			
		LOKASI STO : JENANGAN			
		DIGAMBAR	NAMA	TANGGAL	NO GAMBAR
		DIPERIKSA			SCALE
		DISETUJUI		LEMBAR KE 1	DARI LEMBAR
				A-3	

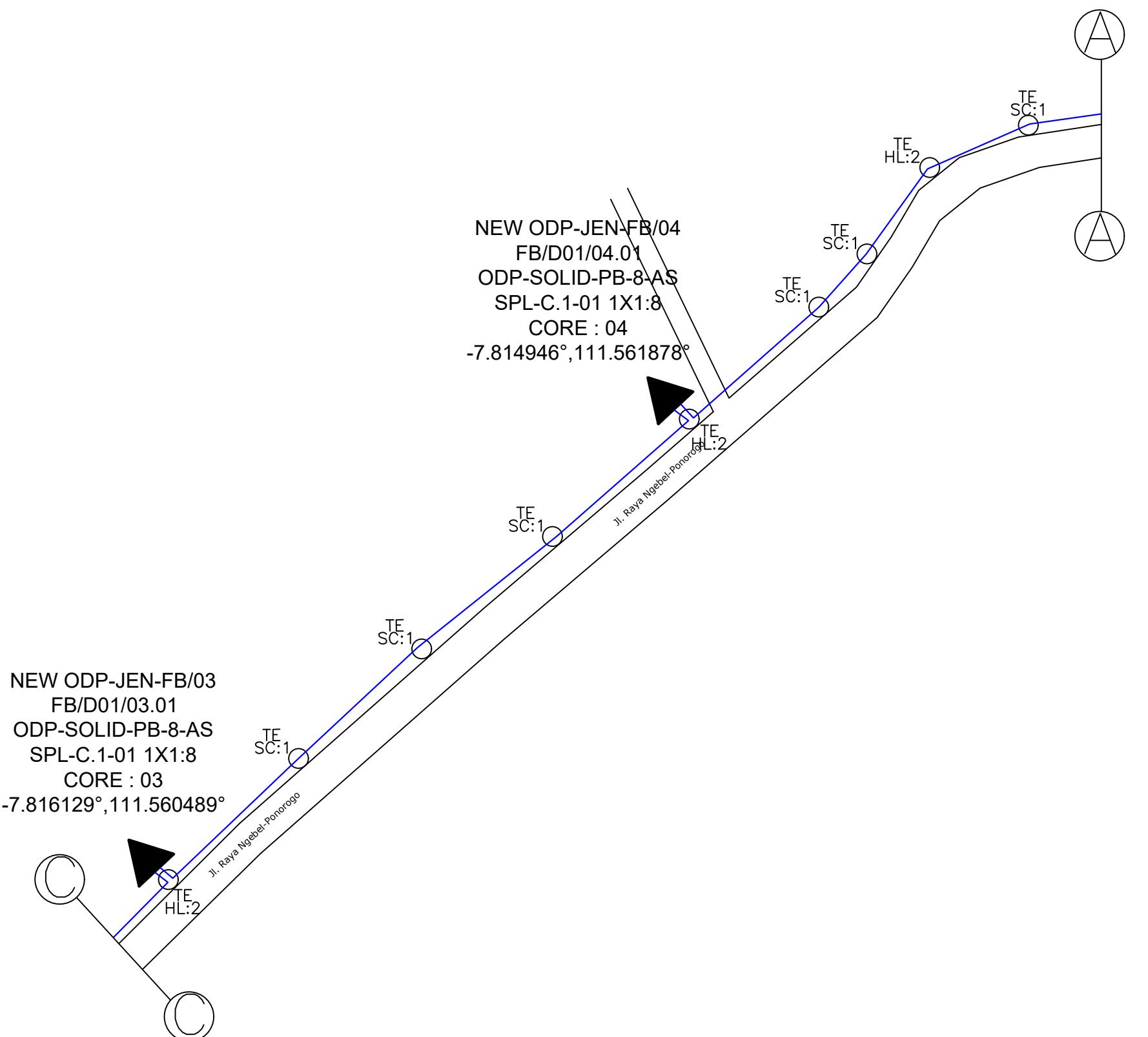
TELKOM AKSES

REDLINE

NO KONTRAK : K.TEL.025/HK.810/OPS-1000000/2021 TGL 13 SEPT 2021
 NO SP : No. K.TEL.04338/HK.810/GPP-A020000/2024, Tanggal 11 September 2024



LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS



PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES

FIRMANSYAH KURMA A. NIK: 930329 ELISSA DELLA R. P. NIK: 945308

MENGETAHU/MENYETUJUI:
 MGR ACCESS NEW FTTH, CNOP & OLO DEPLOY II

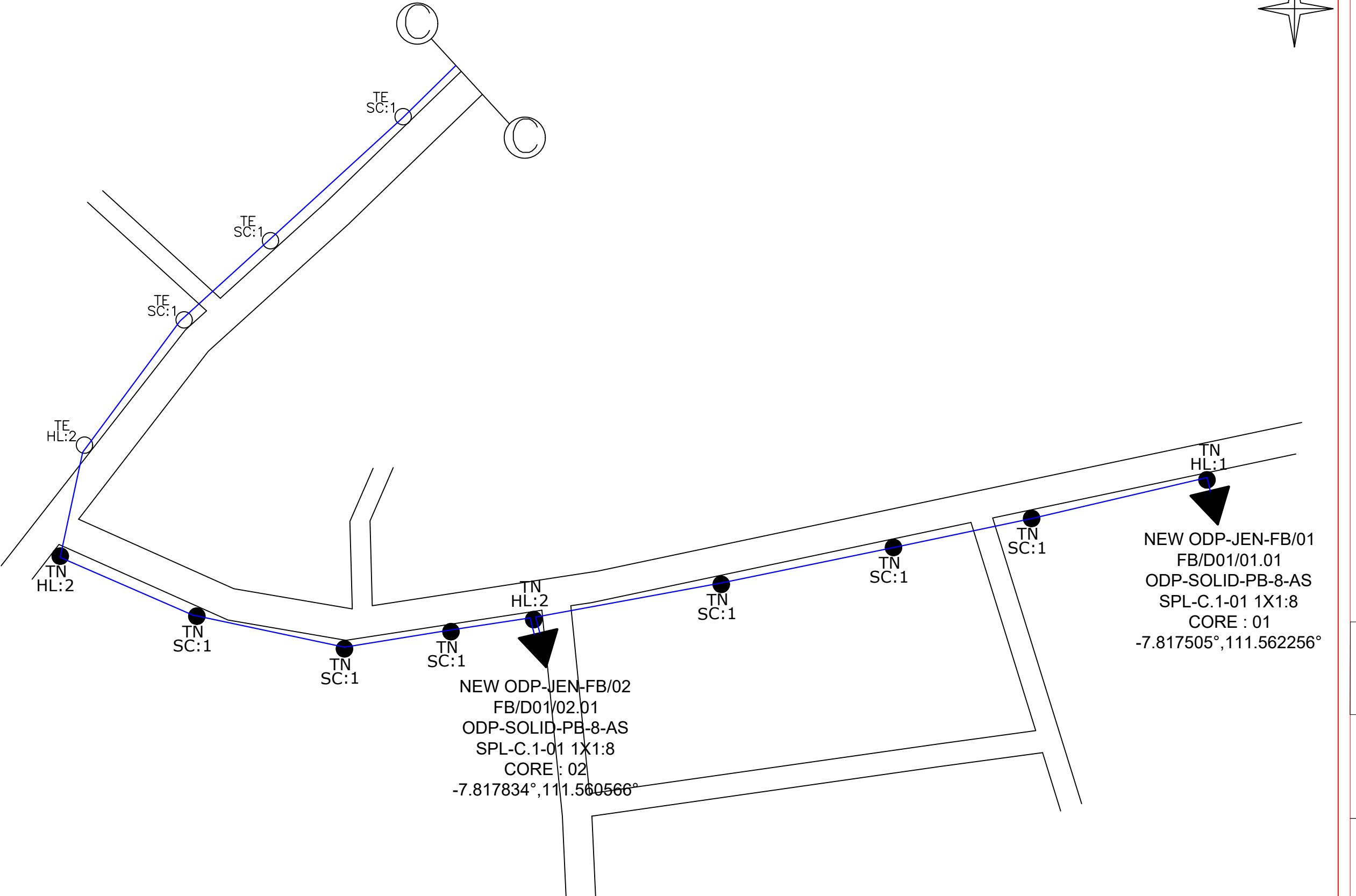
SUBEKTI WIBOWO S.KOMP.
 NIK : 730118

PT.TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	5MDN-JEN-PT3-SEMANDING JENANGAN DISTRIBUSI ODC-JEN-FB			
		LOKASI STO : JENANGAN			
		NAMA	TANGGAL	NO GAMBAR	SCALE
	DIGAMBAR				—
	DIPERIKSA				
	DISETUJUI				
		LEMBAR KE 1		DARI LEMBAR	A-3

TELKOM AKSES

LEGENDS			
NO	EXISTING	NEW	NAME
1			CENTRAL TELEPHON
2			ODF
3			ODC
4			ODP
5			ODP CLOSURE
6			ODP PEDESTIAL
7			OTP / OTB
8			ROWSET
9			SPLITTER
10			CONNECTOR
11			SLACK NON JOINT
12			MANHOLE
13			HANDHOLE
14			SAMBUNGAN TOTAL
15			SAMBUNGAN SUNTIK
16			GROUNDING
17			KABEL FIBER OPTIK
18			ONT
19			TIANG
20			MSAN / MDU
21			CLOSURE FO
22			STUB
23			OAN/DLC
24			BTS



Telkom Akses

PT. TELKOM INFRASTRUKTUR SUPERVISOR TIF PT. TELKOM AKSES

FIRMANSYAH KURNIA A. NIK: 930239 ELISSA DELLA R. P. NIK: 945308

MENGETAHUI/MENYETUJUI :
 MGR ACCESS NEW PTII, CNOP & OLO DEPLOY II

SUBEKTI WIBOWO S.KOMP.
 NIK : 730118

PT. TELEKOMUNIKASI INDONESIA

REVISI	GAMBAR :	5MDN-JEN-PT3-SEMANDING JENANGAN DISTRIBUSI ODC-JEN-FB			
		LOKASI STO : JENANGAN			
	DIGAMBAR	NAMA	TANGGAL	NO GAMBAR	SCALE
	DIPERIKSA				—
	DISETUJUI			LEMBAR KE 1 DARI LEMBAR	A-3

TELKOM AKSES

SITE NAME : JENANGAN [SMDN-JEN-PT4-CSF PRO190 UPGRADE FEEDER NEW SEMANDING SS-1 OSP FO FEEDER DAN DISTRIBUSI]

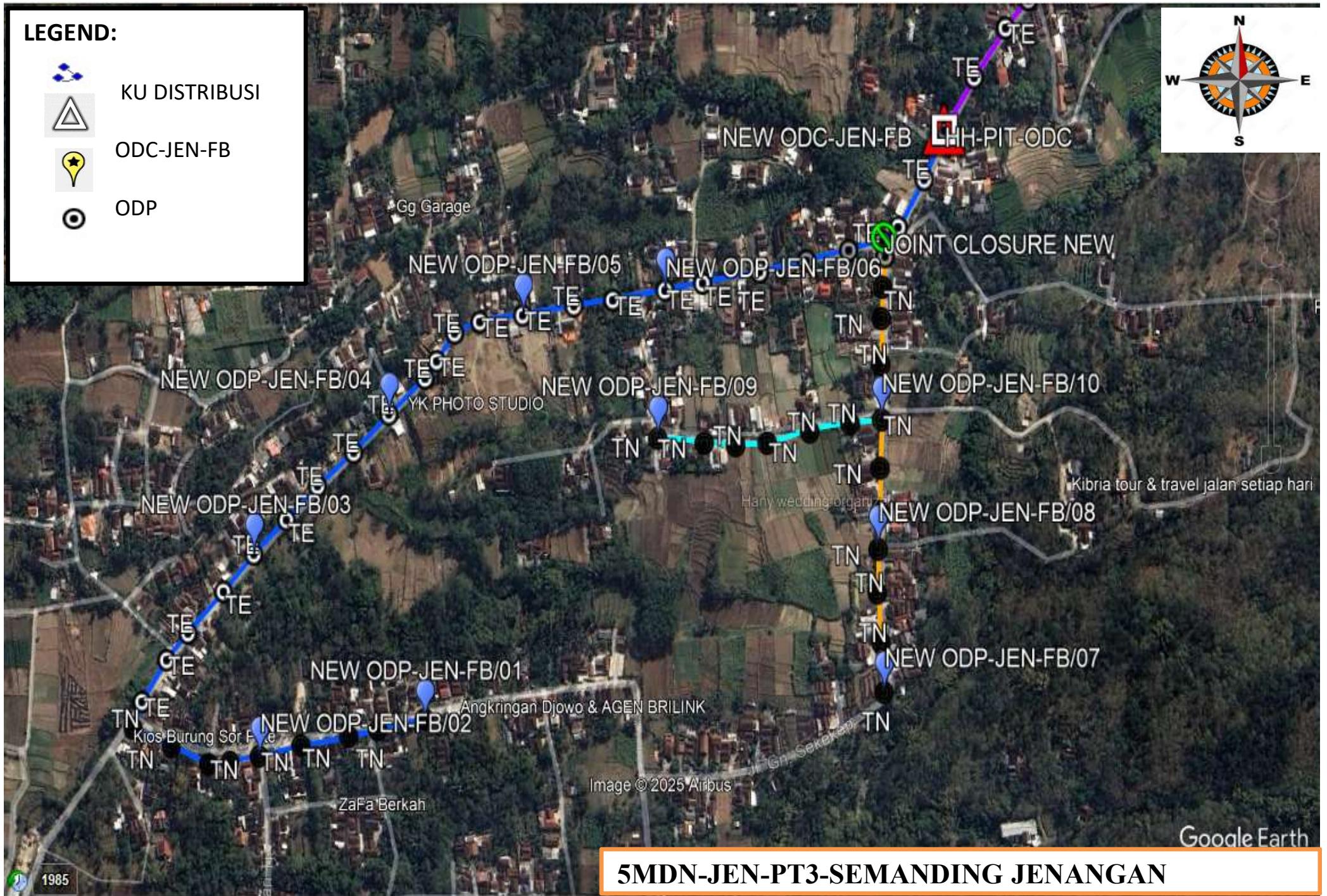
NO	MINI OLT								FTM(JEN-OA-01)								FEEDER (EXISTING)					
	RUANGAN		OLT	SUB RACK	CARD	PORT	KOORDINAT		RUANG	RAK	PANEL	PORT	KAP PANEL	RUANG	RAK	PANEL	PORT	KAP PANEL	CORE TERMINAS	KOORDINAT		NAMA FEEDER
1	GPON						-7.809253°	111.567021°					MINIOLT	FTM(JEN-OA-01)		144	-7.809253°	111.567021°	FE-FE-02-01	AC-OF-SM-24D		
2																						
3																						

ODC-JEN-FB (48)																						
NAMA			FRAME		LOKASI		PANEL (IN)				SPLITTER		KOORDINAT				KETERANGAN					
							TRAY	PORT	CORE	KAP /TRAY	NO	KAP	NAMA	OUT KE-	DIST	TRAY	PORT	CORE	KAP /TRAY			
ODC-	JEN-	FB	ODC-JEN-FB	JI. RAYA NGEBEL-PONOROGO	1	1	1	01	12	01	4	SPL-B.1-01	1	4	1	4	1	01	12	-7.812660°	111.567388°	
							2	02	12	02	4	SPL-B.1-02	2	3	1	4	5	05	12			
							3	03	12	03	4	SPL-B.1-03	1	4	1	4	6	06	12			

DISTRIBUSI (NEW)								ODP														
NO	NAMA KABEL		JENIS KABEL	KAPASITAS	NO ODP	NAMA ODP		FRAME		PANEL/TRAY	PORT	CORE	SPLITTER			QR CODE TIANG	QR CODE PORT	JARAK	ID VALINS	ALAMAT	KOORDINAT	
	NO	NAME	JENIS	KAPASITAS	NO ODP	NAMA ODP	FRAME	PORT	CORE				NO	NAMA	KAP						S	E
1	DS-JEN-FE-02-01/01.07	AC-OF-SM-ADSS-24D	24	01	ODP-JEN-FB/01	FB/D01/01.01	4	1	01				1	SPL-C.1-01	8	TF0054N90N28	TF005FETRAV2	159		Jl. Jogo Rogo Krajan 1, Tanjungsari Kec. Jenangan, Kabupaten Ponorogo	-7.817505°	111.562256°
2	DS-JEN-FE-02-01/01.06	AC-OF-SM-ADSS-24D	24	02	ODP-JEN-FB/02	FB/D01/02.01		2	02				1	SPL-C.1-01	8	TF009AMPAKA7	TF009F3MX5FK	184		Jl. Jogo Rogo Krajan 1, Tanjungsari Kec. Jenangan Kabupaten Ponorogo	-7.817834°	111.560566°
3	DS-JEN-FE-02-01/01.05	AC-OF-SM-ADSS-24D	24	03	ODP-JEN-FB/03	FB/D01/03.01		3	03				1	SPL-C.1-01	8	TF009IV3FIYG	TF009JTG109W	201		Dukuh Jatisari Krajan, Semanding Kec. Jenangan Kabupaten Ponorogo	-7.816129°	111.560489°
4	DS-JEN-FE-02-01/01.04	AC-OF-SM-ADSS-24D	24	04	ODP-JEN-FB/04	FB/D01/04.01		4	04				1	SPL-C.1-01	8	TF00V5YZUOPG	TF00LFT9DKBS	369		Dukuh Jatisari Krajan, Semanding Kec. Jenangan Kabupaten Ponorogo	-7.814946°	111.561878°
5	DS-JEN-FE-02-01/01.03	AC-OF-SM-ADSS-24D	24	05	ODP-JEN-FB/05	FB/D01/05.01		5	05				1	SPL-C.1-01	8	TF00QW9ZVHT3	TF00ZT6QJ8AI	189		Dukuh Jatisari Krajan, Semanding Kec. Jenangan Kabupaten Ponorogo	-7.814125°	111.563242°
6	DS-JEN-FE-02-01/01.02	AC-OF-SM-ADSS-24D	24	06	ODP-JEN-FB/06	FB/D01/06.01		6	06				1	SPL-C.1-01	8	TF00LDQV0BQ	TF00AFWBA99F	162		Dukuh Jatisari Krajan, Semanding Kec. Jenangan Kabupaten Ponorogo	-7.813925°	111.564665°
7	DS-JEN-FE-02-01/01.01.01	AC-OF-SM-ADSS-12D	12	07	ODP-JEN-FB/07	FB/D01/07.01		7	07				1	SPL-C.1-01	8	TF00X9HYIR3	TF00EM17OLWL	118		Jl. Gn. Sekekep Krajan 2, Tanjungsari Kec. Jenangan Kabupaten Ponorogo	-7.814994°	111.566790°
8	DS-JEN-FE-02-01/01.01.02	AC-OF-SM-ADSS-12D	12	08	ODP-JEN-FB/08	FB/D01/08.01		8	08				1	SPL-C.1-01	8	TF00DRZKAX6Q	TF003LQO8QP	131		Jl. Gn. Sekekep Krajan 2, Tanjungsari Kec. Jenangan Kabupaten Ponorogo	-7.815147°	111.564593°
9	DS-JEN-FE-02-01/01.01.04	AC-OF-SM-ADSS-12D	12	09	ODP-JEN-FB/09	FB/D01/09.01		9	09				1	SPL-C.1-01	8	TF00117NUZW	TF00GFNCBLL	245		Jl. Gn. Sekekep Krajan 2, Tanjungsari Kec. Jenangan Kabupaten Ponorogo	-7.816047°	111.566761°
10	DS-JEN-FE-02-01/01.01	AC-OF-SM-ADSS-24D	24	10	ODP-JEN-FB/10	FB/D01/10.01		10	10				1	SPL-C.1-01	8	TF00M7XAW7WM	TF00DPBTSDK7	120		Jl. Gn. Sekekep Krajan 2, Tanjungsari Kec. Jenangan Kabupaten Ponorogo	-7.817252°	111.566837°

LEGEND:

- KU DISTRIBUSI
- ODC-JEN-FB
- ODP



5MDN-JEN-PT3-SEMANDING JENANGAN