		3			2								1		
	ENDFACE GEOMETRY REQUIREMENT FOR MTP TYPE CONNECTOR(GEN										GENERAL MARKE	RKET)			
		REQUIR	EMENT			CONNECTOR TYPE				PROCEDURE		1			
D		END FACE		MULTIMODE 50um & 62.5um VISUAL			SINGLE MODE 8.3um VISUAL			SINGLE MODE ELITE VISUAL		AFM 207-0184		-	
	SURFACE TILE ANGLE ALONG X-AXIS			-0.2°≤ X ≤0.2°			-0.2°≤ X ≤0.2°			-0.2°≤ X ≤0.2°		7 11 111 207 0101		D	
		SURFACE T ALONG		-0.2°≤ Y ≤0.2°			7.8°≤ Y ≤8.2°			7.8° <u>≤</u> X <u>≤</u> 8.2°					
		FIBER DIFFERENTIAL HEIGHT		Ht <u><</u> 0.60um			Ht <u><</u> 0.40um			Ht <u><</u> 0.40um		FOLLOW			
		RADIUS OF C	X-AXIS	-2000mm ≤ X ≥ 2000mm							CORRESPONDANT EQUIPMENT WORK INSTRUCTIONS				
		RADIUS OF C ALONG			50mm ≤ X ≥				≥ 50mm						
		PLANER FIBER HEIGHT		1um≤Ht ≤3.5um			1um <u><</u> Ht <u><</u> 3.5um			1um <u><</u> Ht <u><</u> 3.5um					
		ADJACENT FIBER DIFFERENTIAL HEIGHT					<u><</u> 0.3um								
		CORE DIP		MAX 0.1um				N/A			N/A	1			
С				AFL	AFL STANDARD (GENERAL MARKET)								С		
			OPTIC	AL REQUIRE	GLEMODE	SLEMODE-DOUBLE ENDED			PE CONNECTORS	3		1			
		ASSEMBLY TYP	E CONNEC	INSERTION LOSS-MAX PER END (dB)			RETURN LOSS-M PER END (dB)				H TEST TYPE				
		TRUNK & RUGGADIZED		MPO-SM ANGLED STD MPO-SM ANGLED ELITE		0.75			55						
						0.35 0.75		62							
	-		MPO-SM FLAT STD.				40 55			-					
				LC ANGLED		0.20 0.25			65		-				
			SC SC ANGLED		0.20			55			-				
							65			-					
			ST				55		1550 Nm		UNIDIRECTIONAL				
			FC		0.20			55				CTIONAL			
		FAN OUT & CASSETTE		MPO-SM ANGLED STD		0.72		55							
			MPO-SM ANGLED ELITE						62						
В				LC		0.20		55						В	
				NGLED	0.25			65			_				
				SC SC ANGLED		0.20 0.25			55 65		1				
			ST		0.20				55		1				
				FC		0.20		55							
	30	19ECO31940		UPDATED	LC MM VALUES				DH 09/09/20	2019 DH 09/09/2019		9 JR 06/11/2019		1	
	29	19ECO32210	REMOVE COMI	REMOVE COMMSCOPE INFORMATION AND UPDATE RL F CONNECTOR VALUES				OR SINGLE JF 07/10/20		119	JT 07/10/2019	EH 07	7/10/2019		
	29	19ECO32210		ADDED SPA	ON	JF		JF 07/10/20	119	JT 07/10/2019	EH 07/10/2019				
	RE\	V ECO NO.		CRIPTION				APPROVED	CHECKED		DRAWN		_		
Α.		AFL	OHTS RESERVED. ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN I, DESIGN AND ALL CONTAINED THERON IS AND THE PROPERTY OF WAY BE CODE!		APPRO		DATE	-	DESCRIPTION: OPTICAL/ GEOMETRY SPECIFICATIONS		FOR MTP CONNECTORS				
Α	,	COPYRIGHT © ALL RIGHTS RESERVED.					09/09/20		19		IN/A s		SIZE: A] A	
		CONFIDENTIAL					09/09/20	_					SCALE 1:1 THIRD ANGLE PROJECTION	-	
	AFL AND	ENTIAL AND THE PROPERTY OF DIMAY NOT BE COPIED.			STATE: APPROVED			DWG REV:		201-0013			PROJECTION		
	REPROD	NUCED OR DISCLOSED TO ANY ARTY WITHOUT THE EXPRESS IN PERMISSION OF AFL.			UNITS: mm, g WEIGHT: 0.00007094				DWG REV:			SHEET 1 OF 4		<u> </u>	
'		3		2							1		•		

3 1 OPTICAL REQUIREMENTS FOR MULTIMODE CONNECTORS **INSERTION LOSS-MAX RETURN LOSS-MIN** CONNECTOR TYPE ASSEMBLY TYPE **TEST TYPE** WAVELENGTH PER END (dB) PER END (dB) MPO-MM LL 0.20 20 0.30 LC 30 /30\ D D **TRUNK** SC 0.50 30 ST 0.50 30 **RUGGADIZED** FC 0.50 30 20 MT-RJ 0.50 UNIDIRECTIONAL 850 Nm MPO-MM LL 0.20 20 LC 0.25 30 **FAN OUT** SC 0.30 30 CASSETTE ST 0.50 30 FC 0.50 30 ATTENUATION COEFFICIENT TABLE MAX ATTENUATION (dB/Km) ISO/IEC CORE SIZE / FIBER TYPE 850 Nm 1300 Nm 1310 Nm 1550 Nm (6) 62.5/125 GIGA-LINK 300 OM1 N/A 3.5 1.2 N/A C 2.9 0.9 N/A N/A (5) 50 GIGA-LINK 600 OM₂ 1.2 (7) 50 GIGA-LINK 2000 OM₂ 3.5 N/A N/A (A) 50 LASER-LINK 150 OM₂ 3.0 1.2 N/A N/A 3.0 1.2 N/A N/A (L) 50 LASER-LINK 300 OM₃ (N) CORNING CLEARCURVE OM₃ 2.3 0.6 N/A N/A (C) 50 LASER-LINK 550 OM4 3.0 1.2 N/A N/A (CRG) CORNING CLEARCURVE OM4 2.3 0.6 N/A N/A (C+) 50 LASER-LINK 550 OM4+ 3.0 1.0 N/A N/A (CRG+) CORNING CLEARCURVE OM4+ 3.0 1.0 N/A N/A (K) AFL G.657.A1 SINGLE-MODE OS₂ N/A N/A 0.35 0.25 0.35 0.25 (9) AFL SINGLEMODE OS₂ N/A N/A (4) CORNING SMF-28 ULTRA OS₂ N/A N/A 0.32 0.18 В В UPDATED LC MM VALUES 30 19FCO31940 DH 09/09/2019 DH 09/09/2019 06/11/2019 REMOVE COMMSCOPE INFORMATION AND UPDATE RL FOR SINGLE CONNECTOR VALUES 29 19ECO32210 07/10/2019 07/10/2019 07/10/2019 JF JT EΗ 29 19ECO32210 ADDED SPANISH VERSION 07/10/2019 JT. 07/10/2019 ΕН 07/10/2019 ECO NO. DESCRIPTION APPROVED CHECKED DRAWN **GENERAL TOLERANCES APPROVALS DATE** OPTICAL/ GEOMETRY SPECIFICATIONS FOR MTP CONNECTORS DRAWN JR 06/11/2019 ITEM NO. Α SIZE: COPYRIGHT ©
ALL RIGHTS RESERVED. *TOLERANCES TO BE SET IN DRW N/A CHECKED DH 09/09/2019 SCALE 1:1 CONFIDENTIAL ALL DIMENSIONS WITHOUT DWG. NO. 09/09/2019 APPROVED DH IIS DRAWING, DESIGN AND ALL FORMATION CONTAINED THERON IS INFIDENTIAL AND THE PROPERTY OF IL AND MAY NOT BE COPIED, PRODUCED OR DISCLOSED TO ANY INED PARTY WITHOUT THE EXPRESS RITTEN PERMISSION OF AFL. 207-0013 THIRD ANGLE PROJECTION TOLERANCES SHALL BE TAKEN STATE: AS REFERENCE APPROVED \oplus DWG REV: WEIGHT: 0.00007094 30 SHEET 2 OF 4 2 3 1

		3		2							1			
		REQUERIMIE			NTOS GEOMETRICOS PARA CONECTORES MTP						CADO GENERAL)		
	REQUERIMIENTO			TIPO DE CON								PROCEDIMIENTO		
D	_		MULTIMOD	MONO MODO 8.3um			MONO MODO ELITE							
		FINAL DE LA		/ISUAL		VISUAL			VISUAL		AFM 207-0184			
		ANGULO SUPERI CARA A LO LARG	-0.2°≤ X ≤0.2°			-0.2°≤ X ≤0.2°			-0.2°≤ X ≤0.2°				D	
	(ANGULO SUPERI CARA A LO LARG	-0.2°≤ Y ≤0.2°			7.8°≤ Y <u><</u> 8.2°			7.8°≤ X ≤8.2°					
	D		RENCIA DE ALTURA DE LA FIBRA		Ht <u><</u> 0.60um			Ht <u><</u> 0.40um		Ht <u><</u> 0.40um		SIGA INSTRUCCIONE	ICCIONES	;
		RADIO DE CURV LARGO DEI	-2000mm ≤ X ≥ 2000mm								DE TRABAJO SEGUN EQUIPO CORRESPONDIENTE			
		RADIO DE CURV LARGO DEI	-50mm ≤ X ≥ 50mm											
	ALTURA DE PLANICIDAD FIBRA			1um≤Ht≤3.5um			1um≤Ht≤3.5um						1um≤Ht ≤3.5um	
	I	DIFERENCIAL DE LA FIBRA AD		≤ 0.3um										
		INMERSION D	MA		N/A			N/A			-			
С		AFL ESTANDAR (MERCADO GENERAL)												С
			REQUE	RIMIENTOS	OPTICOS	PARA C	ONECT	ORE	ES TIPO (MONOMODO-DOBLE PUN			A)		
		TIPO DE ENSAMBLE	TIPO DE C	ONECTOR	MAX F INSE PL	OR RET		MIN PERDIDA DE FORNO POR PUNTA (dB)		LONGITUD DE ONDA	TIPO DE	TIPO DE PRUEBA		
		TRUNK & RUGGADIZED	MPO-SM AN	SM ANGLED STD 0.75		,		55 62						
			MPO-SM AN		0.35									
			MPO-SM FLAT S						40					
					0.20 0.25				55 65					
				LC ANGLED SC		0.20			55		_			
			SC AN			0.25			65					
			S		0.20				55					
			F	FC		0.20			55		1550 Nm	UNIDIRECCIO	CCIONAL	
			MPO-SM AN		_				55					
В			-	IPO-SM ANGLED ELITE					62					В
Б		FAN OUT	LOAN		0.20 0.25 0.20				55					
		&	LC AN						65 55					
		CASSETTE	SC ANGLED		0.25				65					
				ST		0.20			55					
			F	FC		0.20		55						
	30	19ECO31940		UPDATED	PDATED LC MM VALUES			DH 09/09/20		019	DH 09/09/2019	JR 06/11/2019]
	29 19ECO32210 REMOVE COMMSCOR				PE INFORMATION AND UPDATE RL FOR SINGLE CONNECTOR VALUES				JF 07/10/2019		JT 07/10/2019	EH 07	/10/2019	
	29	19ECO32210	ADDED SPANISH VERSION					JF 07/10/2019		JT 07/10/2019	2019 EH 07/10/2019			
	REV	ECO NO.		DESC		CRIPTION			APPROVED		CHECKED	FOR MTP CONNECTORS SIZE: A SCALE 1:1		
		ΔFL	GENERAL TOLERANCES		APPROVALS		DATI		ITEM NO.		SPECIFICATIONS I			A
Α		COPYRIGHT © RIGHTS RESERVED.		BE SET IN DRW*			06/11/2019 09/09/2019				N/A			
		NFIDENTIAL NG, DESIGN AND ALL	ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN OF AS REFERENCE		APPROVED DH 0 STATE: APPROVED		09/09/2019		DWG. NO. DWG REV:		07-0013		THIRD ANGLE PROJECTION	
	INFORMATIO CONFIDENTIA AFL AND MAY	NG, DESIGN AND ALL N CONTAINED THERON IS AL AND THE PROPERTY OF Y NOT BE COPIED, D OR DISCLOSED TO ANY Y WITHOUT THE EXPRESS										PROJECTION SHEET 3 OF 4		
	THIRD PARTY WRITTEN PER	Y WITHOUT THE EXPRESS RMISSION OF AFL.			UNITS: WEIGHT: 0.00			00007094		30				<u> </u>
·	3						2					1		

