

- NOTES**
- Overall length measured from the end of longest leg on VF SIDE to end of longest leg on OCS SIDE, where "XXX" is overall length in meters.
 - Pulling eye required. Blue at VF SIDE & Black at OCS SIDE.
 - Part No./ Serial No. label should follow same orientation as strand label.
 - Refer to SOP-D-0044 for specialized SST instructions for bundling with mesh sleeve.
 - For general packaging requirements, see P-00-HS-0216.
 - For GCD packaging and labeling, see spec. P-00-HS-0119.

- FIBER**
- Fiber: SMF28 Ultra (Core: 9um, Cladding: 125um) or equivalent fiber.
 - Jacket: 3mm riser grade. 18 fibers share one jacket. Strength member: Kevlar. Buffer: 250um.
 - Fiber compliant with Telcordia GR-409-CORE (indoor), and ITU-T G.657.A1 and G.652.D.

LCA Connector	
1. Uniboot LCA/APC, green house, MINI boot black boot, Senko P/N 948-153-3C3-H01. Uniboot LCA/APC, green house, MINI boot white boot, Senko P/N 948-153-3C1-H01. Uniboot LCA/APC, green house, MINI boot red boot, Senko P/N 948-153-3C5-H01. 2. Ferrule construction: Zirconia ceramic, domed endface. 3. Boot construction: polyester. 4. Insertion loss: ≤0.20 dB. 5. Connector return loss: ≤-62 dB. 6. Mating durability (500 cycles): ≤0.20 dB. 7. Wavelength: 1310nm/1550nm. 8. Operating temperature: -20°C to +70°C. 9. Connector compliant with Telcordia GR-326. 10. Use duplex dust caps.	

REV.	DESCRIPTION	DATE	INITIAL
11	(1X) Per 24ECO70515: Updated packing note to require spools for any length of assembly.	1/26/2024	M. Villarreal
10	(3X) Per 23ECO68385: Removed wrong reference from note 2 in page 1, moved details C and D to page 2, added new packaging reference in page 4.	10/18/2023	M. Villarreal
09	(4X) Per 23ECO67789: Removed the "S/N" text and highlighted "YYWWGNNN-XXXM" from strand labels printing specification and examples on sheet 3.	9/22/2023	A. Hernandez
08	(3X) [23ECO65443] Removed PE bag from pullig eye schematic, BOM table and notes	5/31/2023	A. Hernandez
07	(10X) [23ECO64307] Added colored strand labels and dust caps to BOM, corrected Connectors P/N and description to Mini boot, changed Breakout kits description, modified pulling rope color and heatshrinks OD and length, and deleted section E, rounded and zipcord furcation from BOM.	3/23/2023	A. Hernandez
06	[23ECO62070] (1X) Corrected wavelength from 1300nm to 1310nm	01/02/2023	A. Isaac
05	[22ECR61049] (1X) Added note 7.	11/30/2022	A. Isaac
04	(3X) Updated note 2, schematic view to shown SST kit and added detail D.	7/5/2022	F. Araujo
03	(2X) Updated SST transition on side B and added note 6	3/1/2022	J. Ruiz
02	(7X) Updated label detail added break line, reduced table of connectors, removed picture in packaging page	09/22/2021	J. Ruiz
01	Drawing Created	09/13/2021	J. Lozano

#	Item	Description	Reference
1	Cable	Cable 3mm, OFNR, 18 Fibers	C-21-FF-0001
2	LCA Uniboot Connector (white boot)	LCA Uniboot, Pitch: 6.25 mm, Green, MINI boot 2.0mm, white boot	HS-A-1053-0004
3	LCA Uniboot Connector (black boot)	LCA Uniboot, Pitch: 6.25 mm, Green, MINI boot 2.0mm, black boot	HS-A-1053-0004
4	LCA Uniboot Connector (red boot)	LCA Uniboot, Pitch: 6.25 mm, Green, MINI boot 2.0mm, red boot	HS-A-1053-0004
5	Mesh Sleeve	Mesh Sleeve, Violet, Flame rating FMVSS302 compliant	N/A
6	Breakout Kit SST (VF side)	Breakout Kit, 3x3 Matrix, 2FPT, 2.0mm, 4.5mm trunk, Yellow, 18F	HS-A-2308-0006
7	Breakout Kit SST (OCS side)	Breakout Kit, 3x4 Matrix, 2FPT(ZIP), 2.0mm, 4.5mm trunk, Yellow (7408), 18F	HS-A-2308-0006
8	P/N Barcode Label (White)	P/N Barcode Label (White) Wrap-around	P-00-HS-0300
9	S/N Barcode Label (White)	S/N Barcode Label (White) Wrap-around	P-00-HS-0300
10	Strand Barcode Label (White)	Strand Barcode Label, (White), Flag type	P-00-HS-0300
11	Strand Barcode Label (Red)	Strand Barcode Label, (Red), Flag type	P-00-HS-0300
12	Strand Barcode Label (Blue)	Strand Barcode Label, (Blue), Flag type	P-00-HS-0300
13	Strand Barcode Label (Orange)	Strand Barcode Label, (Orange), Flag type	P-00-HS-0300
14	Strand Barcode Label (Green)	Strand Barcode Label, (Green), Flag type	P-00-HS-0300
15	Strand Barcode Label (Purple)	Strand Barcode Label, (Purple), Flag type	P-00-HS-0300
16	LC Duplex Dust Cap	LC Duplex Dust Cap for Lanyard, Beige	N/A

GPN		MPN		Description	
30003158-XXX (XXX=008 to 200 increment of 004)		T7ZZDR9PCC-0464-MXXX (XXX=008 to 200 increment of 004)		Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Violet Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-6, xxxm	
DRAWN		NAME	DATE	TITLE	PROD. REF.
		J. Lozano	09/13/2021	Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Purple Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-6, xxxm	B-00-HS-0100
SIZE	B	DWG. #		FAMILY PART #	AFL HYPERSCALE. 8039 S 192nd St., Suite 100 Kent, WA 98032
SCALE	1:3	HS-B-2301-0535-11		D8062-6 - T7ZZDR9PCC-0464-MXXX	
APPROVED		PROPRIETARY AND CONFIDENTIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS: mm [in]	SHEET 1 OF 4
AFL HYPERSCALE EC COMMITTEE		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AFL IG Ltd. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AFL IG Ltd. IS PROHIBITED.		OVERALL LENGTH ≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%[+2%]	
					REV 11

D

C

B

A

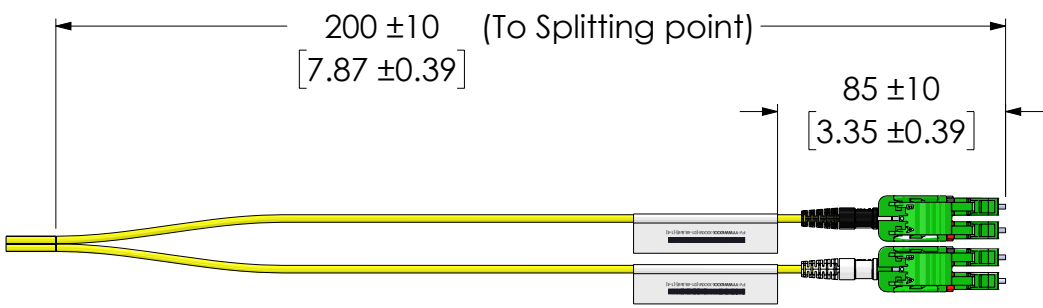
D

C

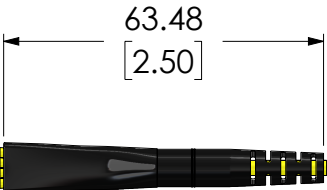
B

A


POLARITY: A-B				
VF SIDE	Fiber Color		OCS SIDE	Fiber Color
41-A	Blue1	↔	41-1-B	Blue1
41-B	Orange1	↔	41-1-A	Orange1
42-A	Green1	↔	42-1-B	Green1
42-B	Brown1	↔	42-1-A	Brown1
43-A	Slate1	↔	43-2-B	Slate1
43-B	White1	↔	43-2-A	White1
44-A	Red1	↔	44-2-B	Red1
44-B	Black1	↔	44-2-A	Black1
45-A	Yellow1	↔	45-3-B	Yellow1
45-B	Violet1	↔	45-3-A	Violet1
46-A	Rose1	↔	46-3-B	Rose1
46-B	Aqua1	↔	46-3-A	Aqua1
47-A	Blue2	↔	47-4-B	Blue2
47-B	Orange2	↔	47-4-A	Orange2
48-A	Green2	↔	48-4-B	Green2
48-B	Brown2	↔	48-4-A	Brown2
r6-A	Slate2	↔	r6-0-B	Slate2
r6-B	White2	↔	r6-0-A	White2



- Strand Label Color Coding:
- OCS Slot#1: blue, Pantone 2728C
 - OCS Slot#2: orange, Pantone 2013C
 - OCS Slot#3: green, Pantone green C
 - OCS Slot#4: purple, Pantone Purple C
 - Breakfix: red, Pantone 032C
- Connector boot Color Coding:
- odd VF_Port#: black
 - even VF_Port#: white
 - Breakfix: red



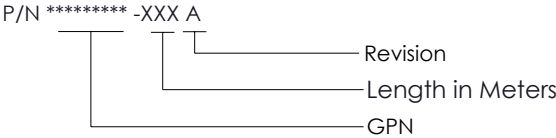
Detail D

		NAME	DATE	TITLE: Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Purple Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-6, xxxm		PROD. REF.	TEST REF.
DRAWN		J. Lozano	09/13/2021			B-00-HS-0100	
SIZE	B	2024-02-01 14:00:55		DWG. #	FAMILY PART #	AFL HYPERSCALE. 8039 S 192nd St., Suite 100 Kent, WA 98032	
SCALE 1:3				HS-B-2301-0535-11	D8062-6 - T7ZZDR9PCC-0464-MXXX		
		<div>APPROVED</div> <div>AFL HYPERSCALE EC COMMITTEE</div>		PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE SPECIFIED	SHEET 2 OF 4	
				THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AFL IG Ltd. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AFL IG Ltd. IS PROHIBITED.	DIMENSIONS: mm [in] OVERALL LENGTH ≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%L[+2%]		
						REV 11	

D

D

P/N Barcode Label

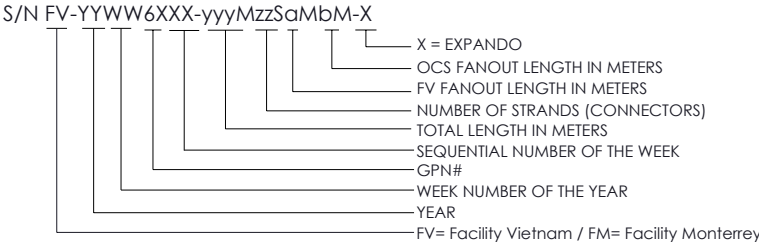


NOTES:

- Label Material: Polyester w/ adhesive back, RoHS and Agency (e.g. UL) compliance
- Barcode Format: Code 128, Height ≥ 4mm, readable text centered below
- Double sided for a flag label; 2 copies for wrap-around cable if the size allows
- Fiber length: in meters, round to 1-decimal for non-integer (e.g. "1.3" for 1.25 meters)
- All sequential numbers use an underscore (" _ ") for 6 & 9

- Wrap-around label, 2 copies if the size allows
- Length ≤ 35mm, font Arial ≥7pt
- The text "P/N" or revision "A" only in human readable text, not included in the barcode. The barcode contents only "*****-XXX".

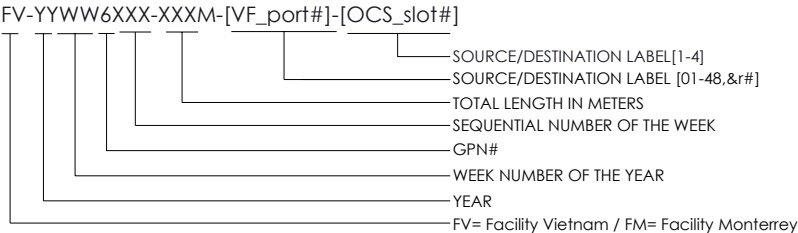
S/N Barcode Label



* wrap around cable

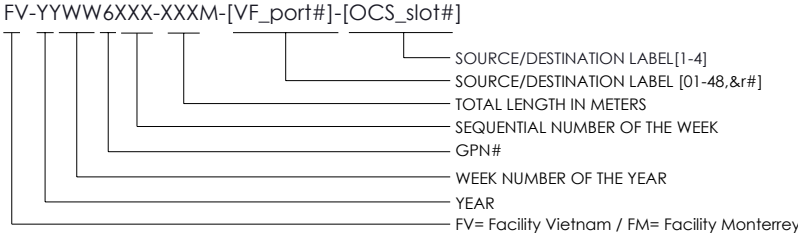
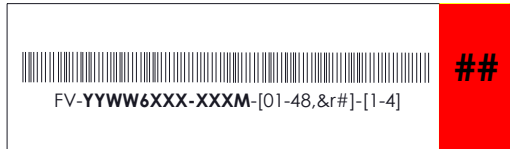
- Label material: polyester w/ adhesive back, rohs and agency (e.g. ul) compliance.
- Barcode: code 128, height≥4mm, readable text centered below
- Double sided for a flag label; 2 copies for wrap-around label if the size allows
- Fiber length: in meters, round to 1-decimal for non-integer (e.g. "1.3" for 1.25 meters)
- All sequential numbers use an underscore (" _ ") for 6 & 9

Strand Barcode Label for OCS side



- Strand label is a joint of regular S/N label, and source/destination label. Only [Src/Det] portion is denoted in the following drawings for simplicity.
- Hyphen "-" for all separators (no extra blank spaces)
- Barcode label:
 - flag type, double sided (two copies of texts and barcodes for each strand label)
 - ≤ 15x50mm after folded, barcode height ≥4mm, code 128;
 - colored label background, black text;
 - barcode text font Arial ≥7pt
- Breakfix port # is lower case, for example "r2";
- Highlight "YYWWGNNN-XXXM" in the strand label text with bold font
- All sequential numbers use an underscore (" _ ") for 6 & 9

Strand Barcode Label for VF side



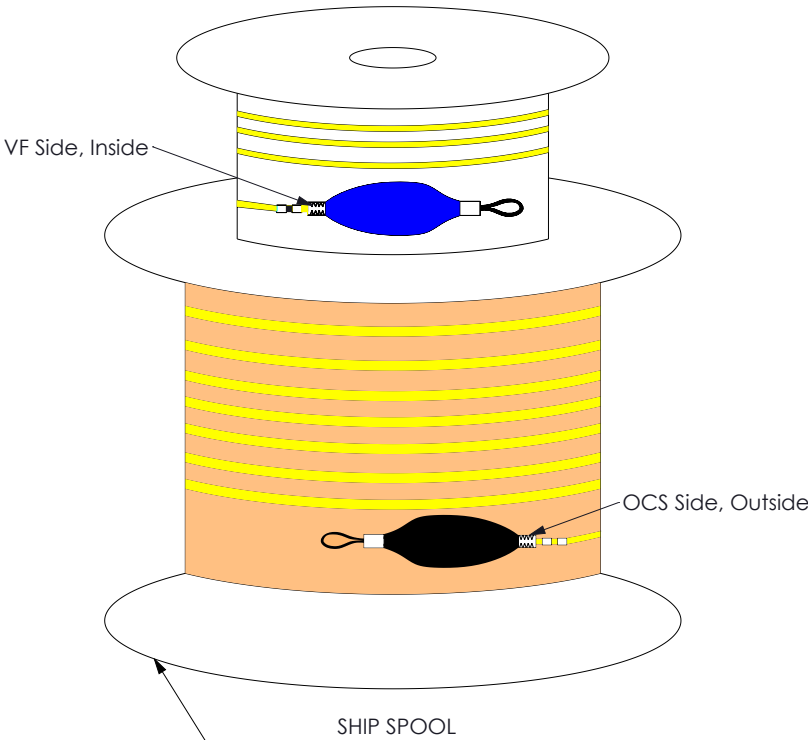
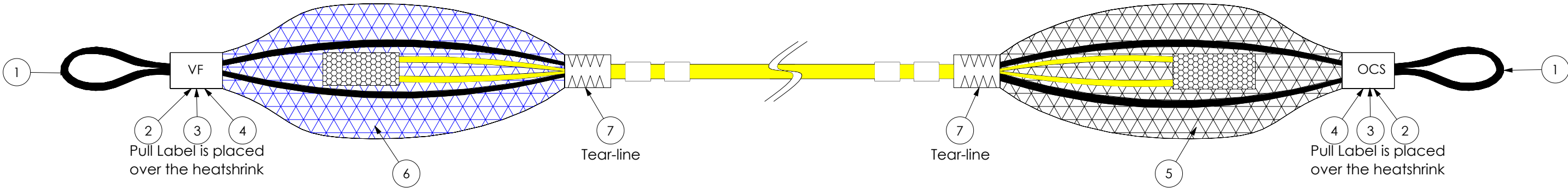
- Strand label is a joint of regular S/N label, and source/destination label. Only [Src/Det] portion is denoted in the following drawings for simplicity.
- Hyphen "-" for all separators (no extra blank spaces)
- Barcode label:
 - flag type, double sided (two copies of texts and barcodes for each strand label)
 - ≤ 15x50mm after folded, barcode height ≥4mm, code 128;
 - colored label background, black text;
 - barcode text font Arial ≥7pt
- Breakfix port # is lower case, for example "r2";
- Highlight "YYWWGNNN-XXXM" in the strand label text with bold font
- All sequential numbers use an underscore (" _ ") for 6 & 9
- For VF side strand label, append a colored thumbnail (font Arial bold 22pt) to indicate [VF_port#]

		NAME	DATE	TITLE: Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Purple Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-6, xxxm		PROD. REF.	TEST REF.
DRAWN		J. Lozano	09/13/2021				B-00-HS-0100
SIZE	B	2024-02-01 14:00:55		DWG. #	FAMILY PART #	AFL HYPERSCALE. 8039 S 192nd St., Suite 100 Kent, WA 98032	
SCALE	1:3	APPROVED		HS-B-2301-0535-11	D8062-6 - T7ZZDR9PCC-0464-MXXX		
		APPROVED		PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS: mm [in]	SHEET 3 OF 4	
		AFL HYPERSCALE EC COMMITTEE		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AFLIG Ltd. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AFL IG Ltd. IS PROHIBITED.	OVERALL LENGTH ≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%[+2%]		
						REV 11	

A

VF SIDE

OCS SIDE



Note: Use Font Arial, biggest size possible



NOTES:
Use three-flange spool for all lengths.

PULLING EYE

- 1. Mesh color: blue for VF side, and black for OCS side.
- 2. Bubble wrap is needed to hold the connectors.
- 3. Pulling cord is needed for easy extracting/tearing.
- 4. Need P/N barcode on packaging labels and cable spool labels.

#	Item	Description	Reference	
①	Pull Rope	1/8" Expando, Black	E-00-HS-0233 (For strand fixation in side B) SOP-D-0036	
②	Zip tie	1mm X 2.5mm Zip tie		
③	Heatshrink Tube	Length 75mm, OD 1/2" or 3/4", 2:1 ratio, adhesive lined		
④	Pull Label	White label		
⑤	Mesh Socket (Black)	Black		
⑥	Mesh Socket (Blue)	Blue		
⑦	Heatshrink Tube	Length 100mm, OD 3/4", 2:1 ratio, black, adhesive lined, easy tear		
⑧	Velcro	≤ 1/2" Width and 3" long		
DRAWN		NAME J. Lozano	DATE 09/13/2021	TITLE: Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Purple Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-6, xxxm
SIZE		B		PROD. REF. B-00-HS-0100
SCALE		1:3		TEST REF. B-00-HS-0100
		DWG. # HS-B-2301-0535-11		FAMILY PART # D8062-6 - T7ZZDR9PCC-0464-MXXX
		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AFL IG Ltd. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AFL IG Ltd. IS PROHIBITED.		UNLESS OTHERWISE SPECIFIED DIMENSIONS: mm [in] OVERALL LENGTH ≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%[+2%]
		AFL HYPERSCALE. 8039 S 192nd St., Suite 100 Kent, WA 98032		
		SHEET 4 OF 4		REV 11