


- NOTES**
- 1. 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.
  - 2. Pulling eye required. Blue at VF SIDE & Black at OCS SIDE.
  - 3. Fiber spool required.
  - 4. Part No./ Serial No. label should follow same orientation as strand label.
  - 5. Refer to SOP-D-0044 for specialized SST instructions for bundling with mesh sleeve.
  - 6. For general packaging requirements, see P-00-HS-0216.
  - 7. For GCD packaging and labeling, see spec. P-00-HS-0119.

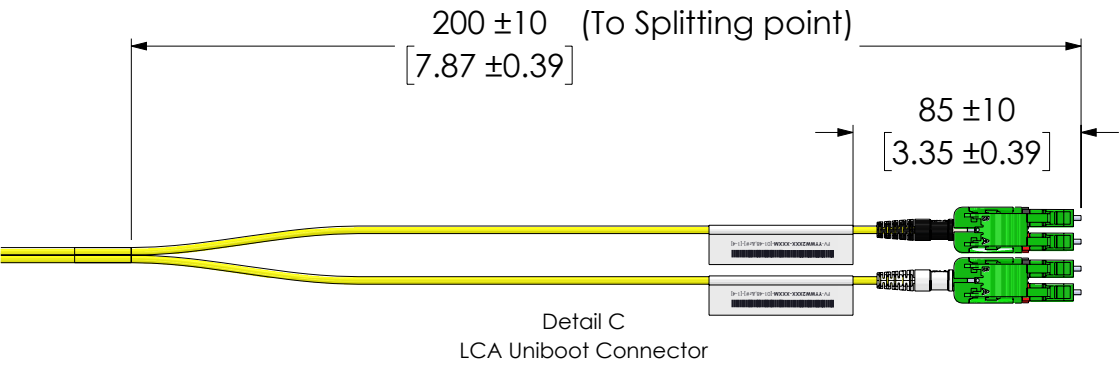
- FIBER**
- 1. Fiber: SMF28 Ultra (Core: 9um, Cladding: 125um) or equivalent fiber.
  - 2. Jacket: 3mm riser grade. 18 fibers share one jacket. Strength member: Kevlar. Buffer: 250um.
  - 3. Fiber compliant with Telcordia GR-409-CORE (indoor), and ITU-T G.657.A1 and G.652.D.
- LCA Connector**
- 1. Uniboot LCA/APC, green house, MINI boot 2.0mm black boot, Senko P/N 948-153-3C3-H01.
  - 2. Uniboot LCA/APC, green house, MINI boot 2.0mm white boot, Senko P/N 948-153-3C1-H01.
  - 3. Uniboot LCA/APC, green house, MINI boot 2.0mm red boot, Senko P/N 948-153-3C5-H01.
  - 4. Ferrule construction: Zirconia ceramic, domed endface.
  - 5. Boot construction: polyester.
  - 6. Insertion loss: ≤0.20 dB.
  - 7. Connector return loss: ≤-62 dB.
  - 8. Mating durability (500 cycles): ≤0.20 dB.
  - 9. Wavelength: 1310nm/1550nm.
  - 10. Operating temperature: -20°C to +70°C.
  - 11. Connector compliant with Telcordia GR-326.
  - 12. Use duplex dust caps.

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.	10/19/2023	M. Villarreal
09	(4X) Per 23ECO67789: Remove the "S/N" text 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	5/30/2023	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.	12/1/2022	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	09/21/2021	J. Ruiz
01	Drawing Created	09/13/2021	J. Lozano
REV.	DESCRIPTION	DATE	INITIAL
REVISIONS			

#	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, Orange 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	
30003154-XXX (XXX=008 to 200 increment of 004)		T7ZZDR9PCC-0460-MXXX (XXX=008 to 200 increment of 004)		Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Orange Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-2, xxxm	
DRAWN		NAME J. Lozano	DATE 09/13/2021	TITLE: Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Orange Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-2, xxxm	PROD. REF.  TEST REF. B-00-HS-0100
SIZE	B	2024-02-01 14:19:20		DWG. # HS-B-2301-0531-11	FAMILY PART # D8062-2-T7ZZDR9PCC-0460-MXXX
SCALE	1:3			AFL HYPERSCALE.	
		<div>APPROVED</div> <div>AFL HYPERSCALE EC COMMITTEE</div>		PROPRIETARY AND CONFIDENTIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS: mm [in]  OVERALL LENGTH ≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%L[+2%]
				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.	
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				SHEET 1 OF 4	
				REV 11	

POLARITY: A-B				
VF SIDE	Fiber Color		OCS SIDE	Fiber Color
09-A	Blue1	↔	09-1-B	Blue1
09-B	Orange1	↔	09-1-A	Orange1
10-A	Green1	↔	10-1-B	Green1
10-B	Brown1	↔	10-1-A	Brown1
11-A	Slate1	↔	11-2-B	Slate1
11-B	White1	↔	11-2-A	White1
12-A	Red1	↔	12-2-B	Red1
12-B	Black1	↔	12-2-A	Black1
13-A	Yellow1	↔	13-3-B	Yellow1
13-B	Violet1	↔	13-3-A	Violet1
14-A	Rose1	↔	14-3-B	Rose1
14-B	Aqua1	↔	14-3-A	Aqua1
15-A	Blue2	↔	15-4-B	Blue2
15-B	Orange2	↔	15-4-A	Orange2
16-A	Green2	↔	16-4-B	Green2
16-B	Brown2	↔	16-4-A	Brown2
r2-A	Slate2	↔	r2-0-B	Slate2
r2-B	White2	↔	r2-0-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

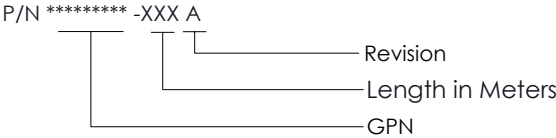


		NAME	DATE	TITLE: Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Orange Expando), Fanout(Arm VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-2, xxxm		PROD. REF.	TEST REF.
DRAWN		J. Lozano	09/13/2021				B-00-HS-0100
SIZE	B	2024-02-01 14:19:20		DWG. #	FAMILY PART #	AFL HYPERSCALE. 8039 S 192nd St., Suite 100 Kent, WA 98032	
				HS-B-2301-0531-11	D8062-2-17ZZDR9PCC-0460-MXXX		
SCALE	1:3	<div>APPROVED</div> <div>AFL HYPERSCALE EC COMMITTEE</div>		PROPRIETARY AND CONFIDENTIAL		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.			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS: mm [in]  OVERALL LENGTH ≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%[+2%]		REV 11	

D

D

P/N Barcode Label

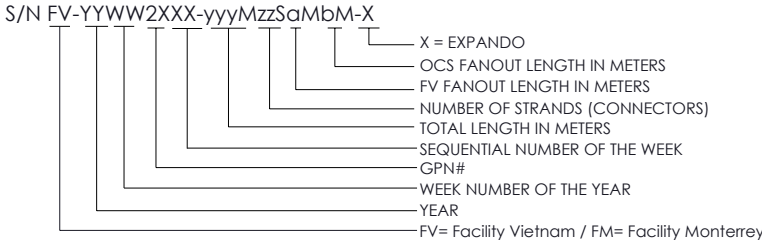


NOTES:

- 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".

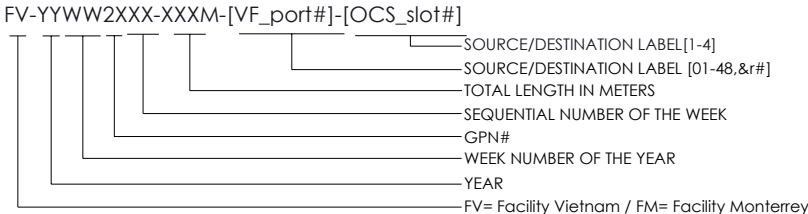
S/N Barcode Label



\* wrap around cable

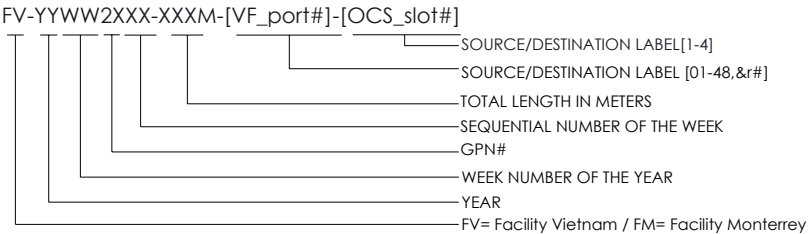
- Label material: polyester w/ adhesive back, rohs and agency (e.g. ul) compliance.
- Barcode: code 128, height≥4mm, readable text centered below
- Double sided for a flag label; 2 copies for wrap-around label if the size allows
- Fiber length: in meters, round to 1-decimal for non-integer (e.g. "1.3" 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 Orange Expando), Fanout(4mm VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-2, xxxm	PROD. REF.	TEST REF.
DRAWN		J. Lozano	09/13/2021			B-00-HS-0100
SIZE	B	2024-02-01 14:19:20		DWG. # HS-B-2301-0531-11	FAMILY PART # D8062-2-T7ZZDR9PCC-0460-MXXX	
SCALE	1:3	APPROVED		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] -0/+2%[+2%] > 5m [16.40 ft]:	
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				SHEET 3 OF 4		REV 11

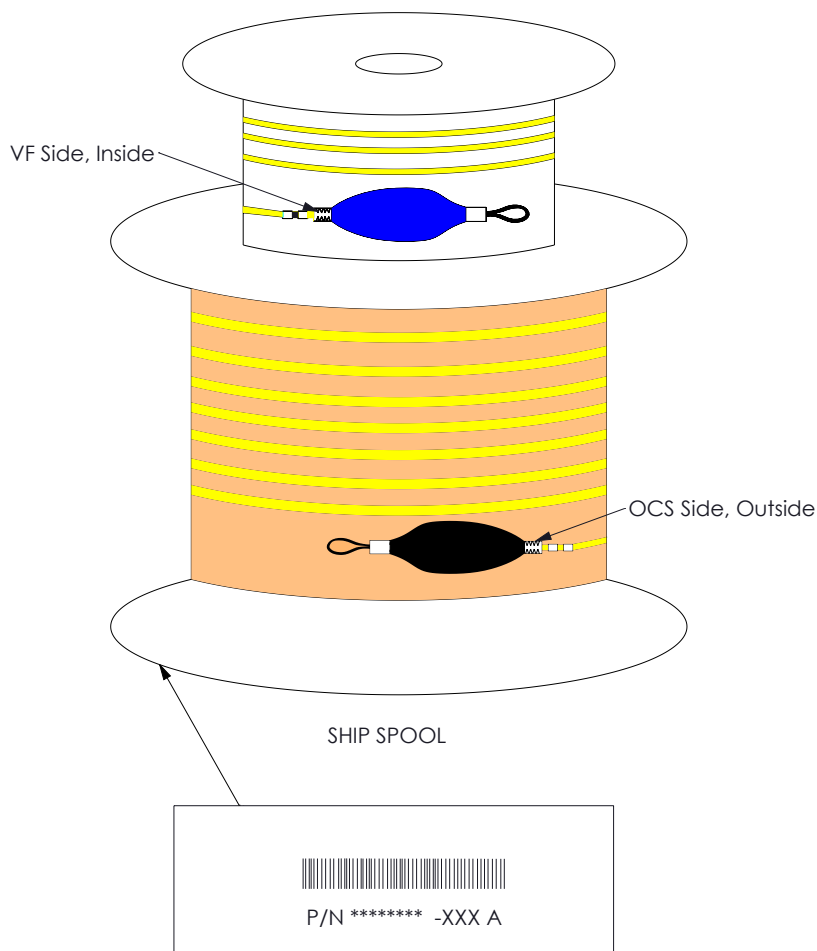
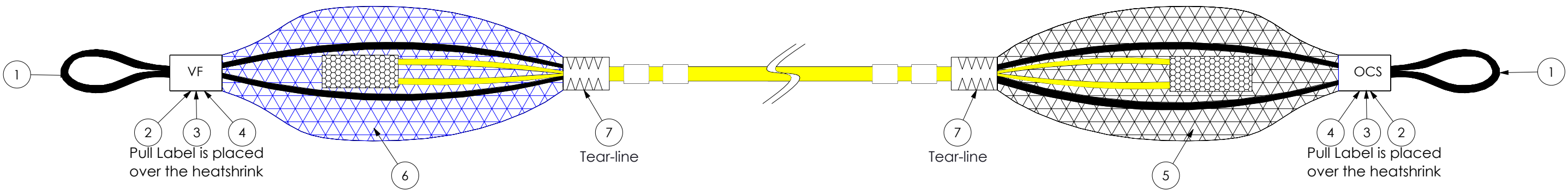
B

A

A

VF SIDE

OCS SIDE



Note: Use Font Arial, biggest size possible

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
SIZE		B	
SCALE		1:3	
TITLE:		Cables, Fiber, 18F, SMF Ultra, 9xLC/DX-9xLC/DX, APC, Trunk(4.5mm Orange Expando), Fanout(Am VF, Var. Lengths 4x Zipcord pairs, 1xSpare OCS), Yellow OFNR, D8062-2, xxxm	
DWG. #		HS-B-2301-0531-11	
FAMILY PART #		D8062-2-TZZDR9PCC-0460-MXXX	
UNLESS OTHERWISE SPECIFIED		DIMENSIONS: mm [in]	
OVERALL LENGTH		≤ 5m [16.40 ft]: -0/+100 [1.97] > 5m [16.40 ft]: -0/+2%[+2%]	
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SHEET 4 OF 4		REV 11	

NOTES:  
Use three-flange spool for all lengths.