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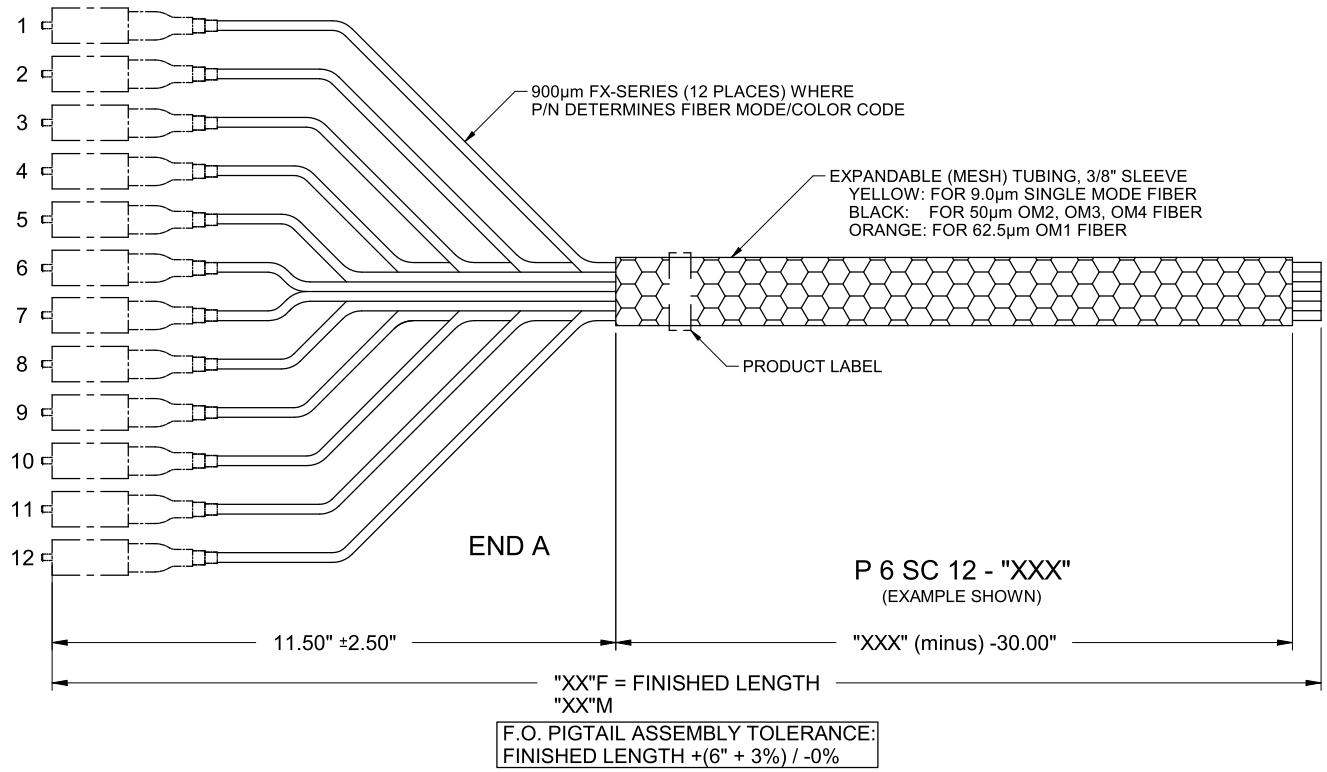


F.O. PIGTAIL ASSEMBLY TOLERANCE:
FINISHED LENGTH +(6" + 3%) / -0%

FX SERIES (NON-ARMOR) CABLE

NOTES: UNLESS OTHERWISE SPECIFIED.

1. TESTING: SEE OCC FIBER TEST SPEC DWG# 104894 FOR APPROPRIATE TEST REQUIREMENTS. TEST DATA REQUIRED FOR EACH FIBER ASSY CONN END.

	MAXIMUM INSERTION LOSS	MINIMUM RETURN LOSS
SINGLEMODE (FC, SC, ST, LC)	0.30dB	50dB
SINGLEMODE UPC (FC,SC,ST,LC)	0.25dB	55dB
MULTIMODE (FC, SC, ST ,LC)	0.40dB	N/A
ANGLE POLISH (APC) FC, LC, SC	0.30dB	65dB

2. FIBER LEG COLOR CODING: (EACH SET OF 12 CONNECTORS) TYPICAL ARRANGEMENT

1 = BLUE	7 = RED
2 = ORANGE	8 = BLACK
3 = GREEN	9 = YELLOW
4 = BROWN	10 = VIOLET
5 = SLATE	11 = ROSE
6 = WHITE	12 = AQUA

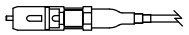
3. CONNECTOR AND BOOT COLORS:
LC & SC CONNECTORS ARE THERMOPLASTIC HOUSING.
FC & ST CONNECTORS ARE METAL HOUSING.

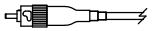
CONNECTOR TYPE	HOUSING COLOR						BOOT COLOR					
	SM		MM			APC	SM		MM			APC
	9.0µm	UPC	50µm OM2	50µm OM3 & OM4	62.5µm		9.0µm	UPC	50µm OM2	50µm OM3 & OM4	62.5µm	
SC	BLUE	BLUE	BLACK	BEIGE	BEIGE	GREEN	BLUE	BLUE	BLACK	BEIGE	BEIGE	GREEN
ST	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LC	BLUE	BLUE	BLACK	BEIGE	BEIGE	GREEN	BLUE	BLUE	BLACK	BEIGE	BEIGE	GREEN

4.

DISCREET FIBER CONNECTORS					
CODE	STYLE	CONN	CODE	STYLE	CONN
FC	SIMPLEX	FC/PC	LC	SIMPLEX	LC/PC
FCAPC	SIMPLEX	FC/APC	LCAPC	SIMPLEX	LC/APC
FCUPC	SIMPLEX	FC/UPC	LCUPC	SIMPLEX	LC/UPC
ST	SIMPLEX	ST/PC	LCUNI	SIMPLEX	LC/UNI
STUPC	SIMPLEX	ST/UPC	SCAPC	SIMPLEX	SC/APC
STMIL	SIMPLEX	ST/MIL	SCUPC	SIMPLEX	SC/UPC
SC	SIMPLEX	SC/PC	SCMIL	SIMPLEX	SC/MIL

LC SIMPLEX (SHOWN) WITH 900µm MINI BOOT


SC SIMPLEX (SHOWN) WITH 900µm MINI BOOT


ST SIMPLEX (SHOWN) WITH 900µm MINI BOOT

FC SIMPLEX (SHOWN) WITH 900µm MINI BOOT

5. SINGLEMODE PIGTAIL ASSEMBLIES MEET ITU-T G.652.D STANDARD.

P 6 SC 12 - "XXX" (EXAMPLE SHOWN)

- NO MORE THAN 10 METERS (approx. 33 FT) POSSIBLE
  FINISHED LENGTH (XXF=FEET, XXM=METERS)
- FIBER COUNT (12) OCC FX-SERIES 900µm SINGLE FIBER LEGS
- END A CONNS 12 PLACES (FC, LC, SC, ST) (FCUPC, LCUPC, SCUPC, STUPC)
  ATTENTION: (FCAPC, LCAPC, STAPC) ARE SINGLEMODE ONLY
- FIBER MODE (5=50µmOM2, 5G=50µmOM3, 5Q=50µmOM4) or (6=62.5µmOM1) or (8=9.0µm SINGLEMODE)
- PRODUCT CODE (P=PIGTAIL ASSEMBLY)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONS ±1/32"
ANGLES ±1/2°
3 PLACE DECIMALS ±.015"
2 PLACE DECIMALS ±.03"

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THIRD ANGLE PROJECTION

MATERIAL: SEE BILL OF MATERIAL

FINISH: SEE NOTES

CRITICAL DIMENSION CODE
(F) = FUNCTION
(M) = MATING
(A) = AUDIT

DRAWN	D.A.HOLBERT	DATE 9/1/11
CHECKED	J.HOWE	DATE 2/24/15
ENGINEER	J.YANIK	DATE 9/1/11
APPROVED	D.INGLE	DATE 4/30/17
PREVIOUS DWG		
NEXT DWG		FILENAME C111004F.dft

DWG TITLE: PIGTAIL ASSEMBLY, 12F, (FC, LC, SC, ST), SM/MM

SIZE: C | DWG NO. C111004 | REV F

SCALE: NONE | SHEET 1 OF 1