

"OPTICAL CABLE CORPORATION (OCC)
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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

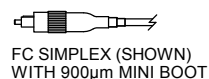
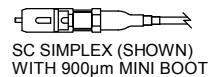
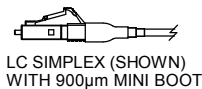
2. FIBER LEG COLOR CODING: (EACH SET OF 12 CONNECTORS) TYPICAL ARRANGEMENT
- | | |
|------------|-------------|
| 1 = BLUE | 7 = RED |
| 2 = ORANGE | 8 = BLACK |
| 3 = GREEN | 9 = YELLOW |
| 4 = BROWN | 10 = VIOLET |
| 5 = SLATE | 11 = ROSE |
| 6 = WHITE | 12 = AQUA |

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

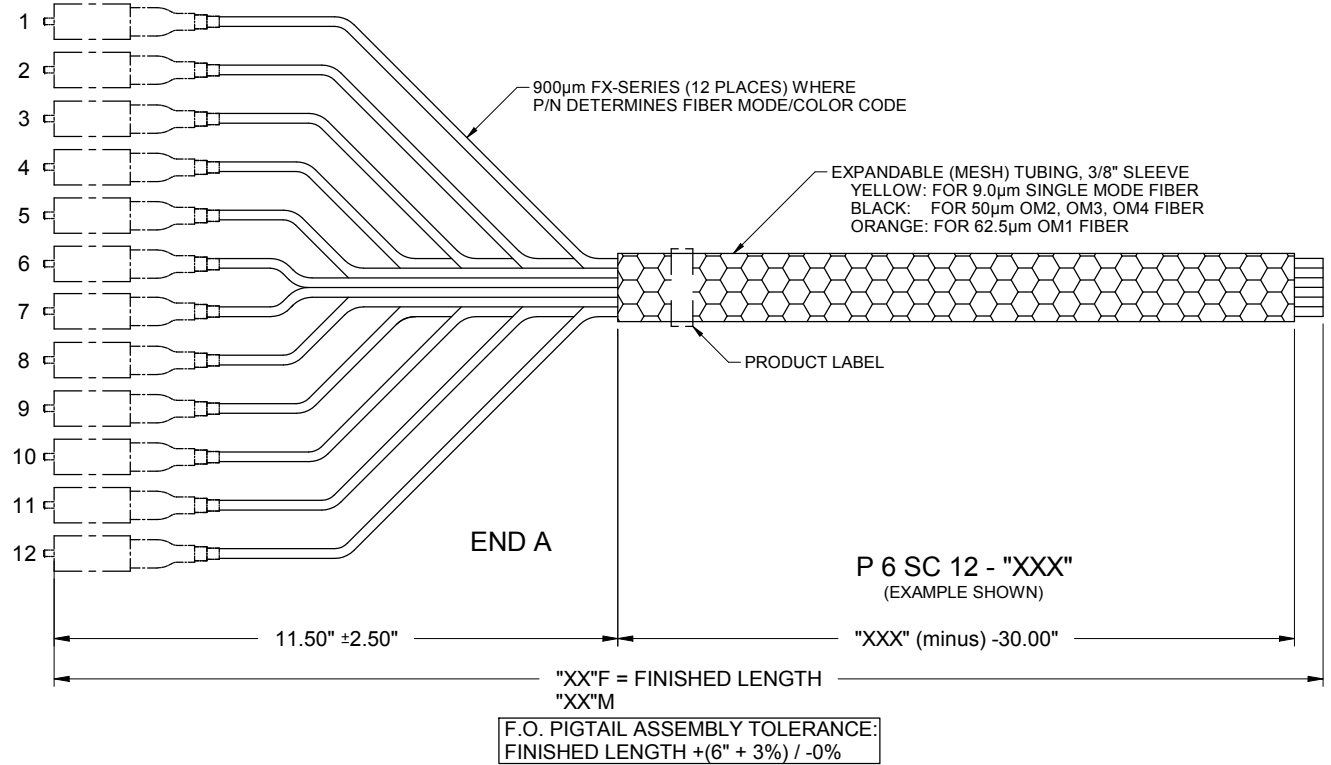
CONNECTOR TYPE	HOUSING COLOR						BOOT COLOR					
	SM		MM		APC		SM		MM		APC	
	9.0µm	UPC	50µm OM2	50µm OM3 & OM4	62.5µm		9.0µm	UPC	50µm OM2	50µm OM3 & OM4	62.5µm	
SC	BLUE	BLUE	BLACK	BEIGE	BEIGE	GREEN	BLUE	BLUE	BLACK	BEIGE	BEIGE	GREEN
ST	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FC	N/A	N/A	N/A	N/A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



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)

THIRD ANGLE PROJECTION 		MATERIAL SEE BILL OF MATERIAL 		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS: ±1/32" ANGLES: ±0.02° 3 PLACE DECIMALS ±.015" 2 PLACE DECIMALS ±.03"		THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF OPTICAL CABLE CORPORATION AND MAY NOT BE USED AS THE BASIS FOR MANUFACTURE OR SALE WITHOUT SPECIFIC WRITTEN PERMISSION OF OPTICAL CABLE CORPORATION.				33 Superior Way Swannanoa, NC 28778 Phone: 828-296-2280 Fax: 828-298-2487 www.occfiber.com		
CHECKED J.HOWE DATE 2/24/15 ENGINEER J.YANIK DATE 9/1/11		DRAWN D.A.HOLBERT DATE 9/1/11		DATE 9/1/11		DWG TITLE PIGTAIL ASSEMBLY, 12F, (FC, LC, SC, ST), SM/MM		SIZE C		DWG NO. C111004		REV F
APPROVED D.INGLE DATE 4/30/17		PREVIOUS DWG		FILENAME C111004F.dft		SCALE NONE		SHEET 1 OF 1				