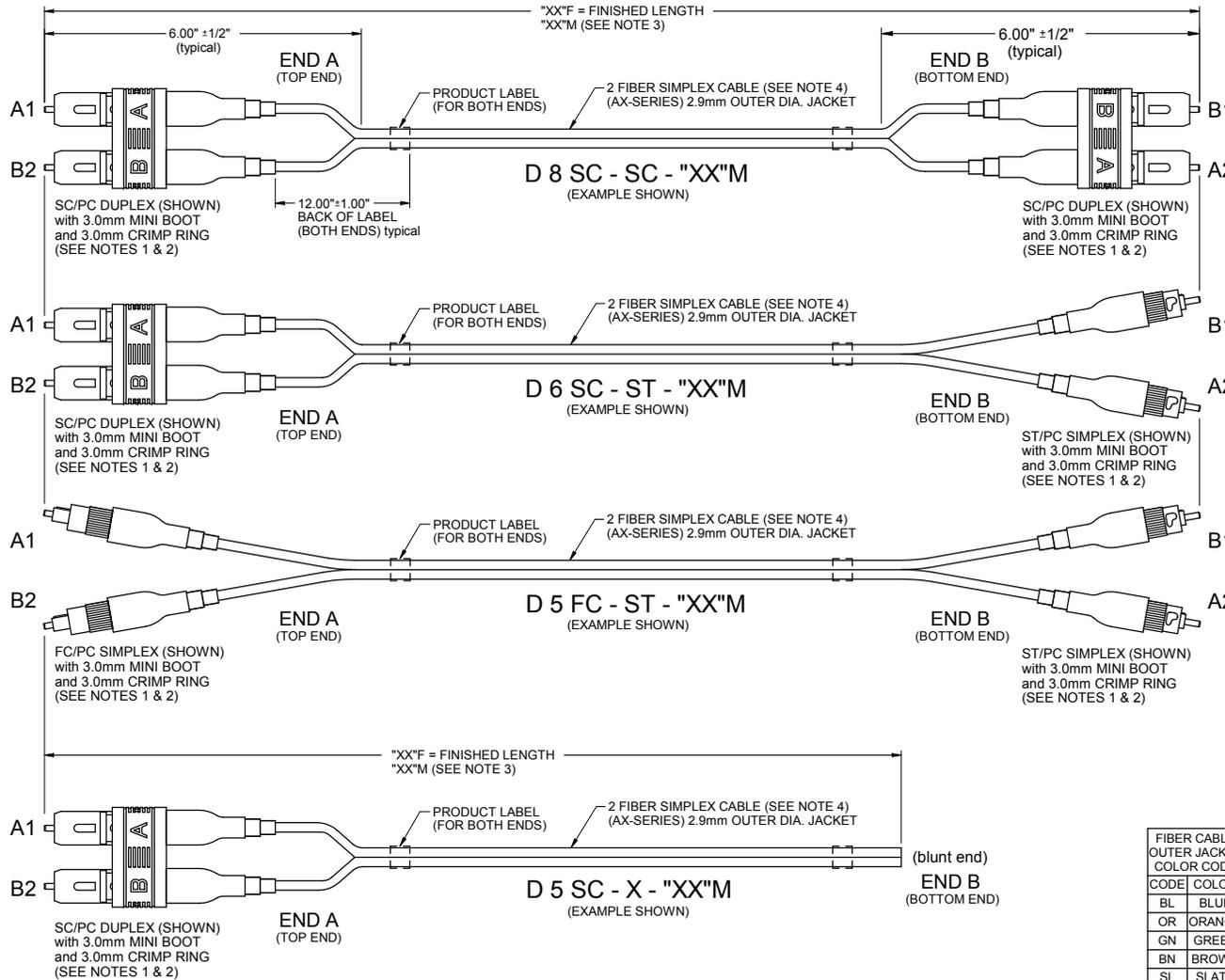


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RESERVES THE RIGHT TO REVISE ANY  
AND ALL DESIGN SPECIFICATIONS."  
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Connector spec operating temp range is -40°C to +75°C  
Cable spec operating temp range is -40°C to +80°C

### AX SERIES (NON-ARMOR) FIBER CABLE

NOTES: UNLESS OTHERWISE SPECIFIED.

1. **TESTING:** SEE OCC FIBER TEST SPEC# 104894 FOR APPROPRIATE TEST REQUIREMENTS. TEST DATA REQUIRED FOR EACH JUMPER ASSEMBLY CONNECTOR END.

DISCREET CONNECTOR TYPE	3.0mm MINI BOOT COLOR				INNER FIBER	COLOR CODE
	SINGLEMODE		50µm OM2 62.5µm OM1			
FC/PC	BLUE	WHITE	BLACK	BEIGE	A1 - B1	BLUE
SC/PC	BLUE	WHITE	BLACK	BEIGE	A2 - B2	ORANGE
ST/PC	BLUE	WHITE	BLACK	BEIGE		

HOUSING, CLIP and/or SHROUD COLOR				CONNECTOR BODY HOUSING MATERIAL SC "THERMOPLASTIC" FC and ST "METAL"
DISCREET CONNECTOR TYPE	SINGLEMODE	50µm OM2 62.5µm OM1	CODE	
FC/PC SIMPLEX	METAL	METAL	FC	
SC/PC SIMPLEX	BLUE	BEIGE	SC	
ST/PC SIMPLEX	METAL	METAL	ST	

3. **ASSEMBLY (FINISHED LENGTH) TOLERANCE:**  
less than or equal to 5 meters (approx. 16.4 feet) is: +2'/-0"  
greater than 5 meters (approx. 16.5 feet) is: +(6' + 3%) / -0"

4. **ATTENTION:** ALL ASSEMBLIES MUST BE MANUFACTURED FROM OPTICAL CABLE CORP FIBER CABLE or have OCC ENGINEERING APPROVED EQUIVALENT. SEE "CC" COLOR CODE CHART, TO THE RIGHT, FOR OTHER O.D. JACKET COLORS.

50µm MM (OM2) RISER 2.9mm O.D.	OCC FIBER CABLE# AX002NALS9OR
62.5µm MM (OM1) RISER 2.9mm O.D.	OCC FIBER CABLE# AX002NWL S9OR
9.0µm SINGLEMODE RISER 2.9mm O.D.	OCC FIBER CABLE# AX002NSLA9YR
50µm MM (OM2) PLENUM 2.9mm O.D.	OCC FIBER CABLE# AX002SALS9OP
62.5µm MM (OM1) PLENUM 2.9mm O.D.	OCC FIBER CABLE# AX002SWLS9OP
9.0µm SINGLEMODE PLENUM 2.9mm O.D.	OCC FIBER CABLE# AX002SSLA9YP
50µm MM (OM2) LSZH 2.9mm O.D.	OCC FIBER CABLE# AX002ZALS9OE
62.5µm MM (OM1) LSZH 2.9mm O.D.	OCC FIBER CABLE# AX002ZWLS9OE
9.0µm SINGLEMODE LSZH 2.9mm O.D.	OCC FIBER CABLE# AX002ZSLA9YE

5. **PULLING EYE KIT(S):** KITS INTENDED FOR LIGHT (EASY) DUTY ONLY. ADD "PK" or "P2" TO SUFFIX OF OCC P/N.

**D 8 FC - SC - "XX"**  
**D 6 L SC - SC - "XX" "CC" P2** (EXAMPLES SHOWN)  
**D 5 P SC - ST - "XX" "CC" PK**

PULLING EYE KIT (OPTIONAL)  
(P2=2 PULLING EYE KITS (END A & B)  
(PK=1 PULLING EYE KIT on END A only)

CABLE COLOR (SEE TABLE AT RIGHT) OPTIONAL

FINISHED LENGTH ("XX'F"=FEET, "XX'M"=METERS)

END A "TOP END" CONNECTORS (FC/PC SIMPLEX, SC/PC DUPLEX, ST/PC SIMPLEX)  
END B "BOTTOM END" CONNECTORS (FC/PC SIMPLEX, SC/PC DUPLEX, ST/PC SIMPLEX) FOR BLUNTS X=BLUNT END

CABLE STYLE: AX-series 2.9mm O.D. (900µm INNER FIBER) SEE NOTE 4  
FIBER MODE (5=50µmOM2, 6=62.5µmOM1, 8=9.0µmSM)  
OUTER JACKET RATED (P=PLENUM, L=LSZH) NO LETTER IS FOR RISER RATED

PRODUCT CODE (2 FIBER DUPLEX) ENTERPRISE CABLE ASSEMBLY  
\*\*WARNING: IF RODENT/TERMITE DETERRENT BE CAUTIOUS OF GLASS YARN\*\*

**SEE SHEET 2 FOR LC/PC & AE SERIES**

FIBER CABLE OUTER JACKET COLOR CODE	CODE	COLOR
BL		BLUE
OR		ORANGE
GN		GREEN
BN		BROWN
SL		SLATE
WT		WHITE
RD		RED
BK		BLACK
YL		YELLOW
PL		VIOLET
RS		ROSE
AQ		AQUA

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONS ±1/32"  
ANGLES ±1/2°  
3 PLACE DECIMALS ±0.015"  
2 PLACE DECIMALS ±0.03"

MATERIAL SEE BILL OF MATERIAL

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.

DRAWN	D.A.HOLBERT	DATE	9/8/11
CHECKED	J.HOWE	DATE	3/2/15
ENGINEER	J.YANIK	DATE	9/8/11
APPROVED	J.CALLOWAY	DATE	7/26/21
PREVIOUS DWG			
NEXT DWG			



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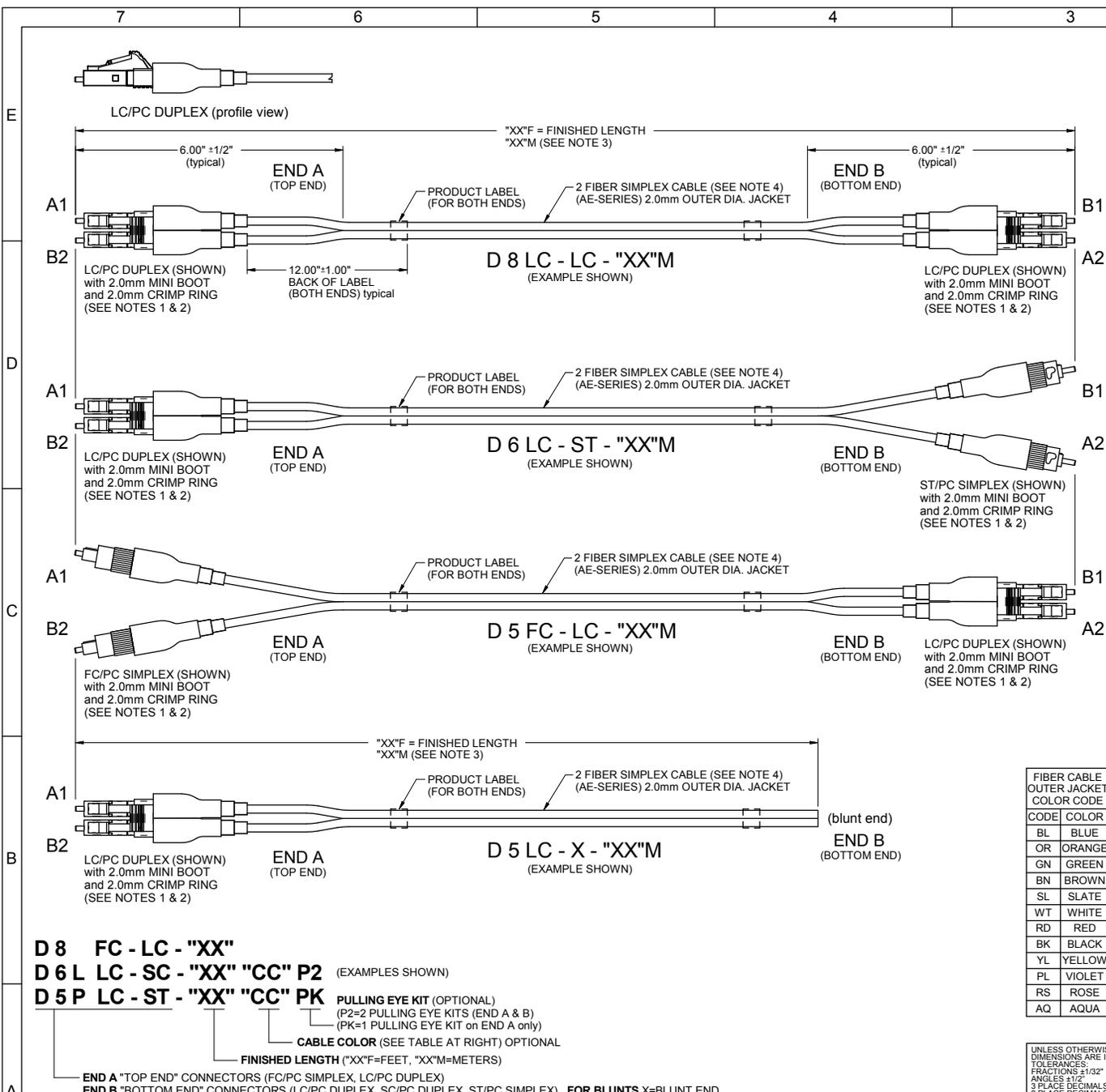
DWG TITLE: F.O.JUMPER ASSY, DUPLEX, SM/MM, SC-FC/SC-ST, AX-SERIES

SIZE: C DWG NO. **C111007** REV: H

SCALE: NONE SHEET 1 OF 2

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Connector spec operating temp range is -40°C to +75°C  
Cable spec operating temp range is -40°C to +80°C

**AE SERIES (NON-ARMOR) FIBER CABLE**

NOTES: UNLESS OTHERWISE SPECIFIED.

1. **TESTING:** SEE OCC FIBER TEST SPEC# 104894 FOR APPROPRIATE TEST REQUIREMENTS. TEST DATA REQUIRED FOR EACH JUMPER ASSEMBLY CONNECTOR END.

DISCREET CONNECTOR TYPE	2.0mm MINI BOOT COLOR				INNER FIBER	COLOR CODE
	SINGLEMODE	50µm OM2		62.5µm OM1		
LC/PC	WHITE	WHITE	WHITE	WHITE	A1 - B1	BLUE
FC/PC	BLUE	WHITE	BLACK	BEIGE	A2 - B2	ORANGE
SC/PC	BLUE	WHITE	BLACK	BEIGE		
ST/PC	BLUE	WHITE	BLACK	BEIGE		

HOUSING, CLIP and/or SHROUD COLOR				CONNECTOR BODY HOUSING MATERIAL
DISCREET CONNECTOR TYPE	SINGLEMODE	50µm OM2	62.5µm OM1	
LC/PC DUPLEX	BLUE	BEIGE	LC	LC and SC "THERMOPLASTIC"
FC/PC SIMPLEX	METAL	METAL	FC	FC and ST "METAL"
SC/PC SIMPLEX	BLUE	BEIGE	SC	
ST/PC SIMPLEX	METAL	METAL	ST	

3. **ASSEMBLY (FINISHED LENGTH) TOLERANCE:**  
less than or equal to 5 meters (approx. 16.4 feet) is: +2"/-0"  
greater than 5 meters (approx. 16.5 feet) is: +(6" + 3%)/-0"

4. **ATTENTION:** ALL ASSEMBLIES MUST BE MANUFACTURED FROM OPTICAL CABLE CORP FIBER CABLE or have OCC ENGINEERING APPROVED EQUIVALENT. SEE "CC" COLOR CODE CHART, TO THE RIGHT, FOR OTHER O.D. JACKET COLORS.

50µm MM (OM2) RISER 2.0mm O.D.	OCC FIBER CABLE# AE002DALS9OR
62.5µm MM (OM1) RISER 2.0mm O.D.	OCC FIBER CABLE# AE002DWLS9OR
9.0µm SINGLEMODE RISER 2.0mm O.D.	OCC FIBER CABLE# AE002DSL9AY
50µm MM (OM2) PLENUM 2.0mm O.D.	OCC FIBER CABLE# AE002SAL9SOP
62.5µm MM (OM1) PLENUM 2.0mm O.D.	OCC FIBER CABLE# AE002SWLS9OP
9.0µm SINGLEMODE PLENUM 2.0mm O.D.	OCC FIBER CABLE# AE002SSL9AY
50µm MM (OM2) LSZH 2.0mm O.D.	OCC FIBER CABLE# AE002ZALS9OZ
62.5µm MM (OM1) LSZH 2.0mm O.D.	OCC FIBER CABLE# AE002ZVLS9OZ
9.0µm SINGLEMODE LSZH 2.0mm O.D.	OCC FIBER CABLE# AE002ZSL9AYZ

5. **PULLING EYE KIT(S):** KITS INTENDED FOR LIGHT (EASY) DUTY ONLY. ADD "PK" or "P2" TO SUFFIX OF OCC P/N.

**D 8 FC - LC - "XX"**  
**D 6 L LC - SC - "XX" "CC" P2** (EXAMPLES SHOWN)  
**D 5 P LC - ST - "XX" "CC" PK**

PULLING EYE KIT (OPTIONAL)  
(P2=2 PULLING EYE KITS (END A & B)  
(PK=1 PULLING EYE KIT on END A only)

CABLE COLOR (SEE TABLE AT RIGHT) OPTIONAL

FINISHED LENGTH ("XX" F=FEET, "XX" M=METERS)

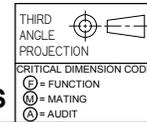
END A "TOP END" CONNECTORS (FC/PC SIMPLEX, LC/PC DUPLEX)  
END B "BOTTOM END" CONNECTORS (LC/PC DUPLEX, SC/PC DUPLEX, ST/PC SIMPLEX) FOR BLUNTS X=BLUNT END

CABLE STYLE AE-series 2.0mm O.D. (900µm INNER FIBER) SEE NOTE 4  
FIBER MODE (5=50µmOM2, 6=62.5µmOM1, 8=9.0µmSM)  
OUTER JACKET RATED (P=PLENUM, L=LSZH) NO LETTER IS FOR RISER RATED

PRODUCT CODE (2 FIBER DUPLEX) ENTERPRISE CABLE ASSEMBLY  
\*\*WARNING: IF RODENT/TERMITE DETERRENT BE CAUTIOUS OF GLASS YARN\*\*

**SEE SHEET 1 FOR SC/PC & AX SERIES**

FIBER CABLE OUTER JACKET COLOR CODE	CODE	COLOR
BL	BLUE	
OR	ORANGE	
GN	GREEN	
BN	BROWN	
SL	SLATE	
WT	WHITE	
RD	RED	
BK	BLACK	
YL	YELLOW	
PL	VIOLET	
RS	ROSE	
AQ	AQUA	



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONS ±.132"  
ANGLES ±1/2°  
3 PLACE DECIMALS ±.015"  
2 PLACE DECIMALS ±.03"

MATERIAL SEE BILL OF MATERIAL

CHECKED	J.HOWE	DATE	3/2/15
ENGINEER	J.YANIK	DATE	9/8/11
APPROVED	J.CALLOWAY	DATE	7/26/21
PREVIOUS DWG			
NEXT DWG			

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DWG TITLE: F.O. JUMPER ASSY, DUPLEX, SM/MM, LC-FC/SC/ST, AE-SERIES

SIZE: C DWG NO.: **C111007** REV: H

FILENAME: C111007H.dft SCALE: NONE SHEET: 2 OF 2

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