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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.

2.

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

HOUSING and/or SHROUD COLOR and/or CLIP				
DISCREET CONNECTOR TYPE	SINGLEMODE	50µm OM2	SM/APC	CODE
		62.5µm OM1		
LC/PC LC/UPC DUPLEX	BLUE	BEIGE	-	LC LCU
FC/PC FC/UPC SIMPLEX	METAL	METAL	-	FC FCU
SC/PC SC/UPC DUPLEX	BLUE	BEIGE	-	SC SCU
ST/PC ST/UPC SIMPLEX	METAL	METAL	-	ST STU
LC/APC DUPLEX	BLUE	BEIGE	GREEN	LCA -
FC/APC SIMPLEX	METAL	METAL	GREEN	FCA -
SC/APC DUPLEX	BLUE	BEIGE	GREEN	SCA -

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"
- CONNECTOR BODY HOUSING MATERIAL
LC and SC "THERMOPLASTIC"
FC and ST "METAL"

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.

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	

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# AE002DSL9AYR
50µm MM (OM2) PLENUM 2.0mm O.D.	OCC FIBER CABLE# AE002SALS9OP
62.5µm MM (OM1) PLENUM 2.0mm O.D.	OCC FIBER CABLE# AE002SWLS9OP
9.0µm SINGLEMODE PLENUM 2.0mm O.D.	OCC FIBER CABLE# AE002SSL9AYP
50µm MM (OM2) LSZH 2.0mm O.D.	OCC FIBER CABLE# AE002ZALS9OZ
62.5µm MM (OM1) LSZH 2.0mm O.D.	OCC FIBER CABLE# AE002ZWLS9OZ
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.

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

MATERIAL SEE BILL OF MATERIAL

FINISH SEE NOTES

THIRD ANGLE PROJECTION
CRITICAL DIMENSION CODE
① = FUNCTION
② = MATING
③ = AUDIT

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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: 7/27/21
PREVIOUS DWG
NEXT DWG



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

SIZE: C DWG NO. C111009 SCALE: NONE SHEET 2 OF 2
REV G

PROPRIETARY AND CONFIDENTIAL

D 8 FCAPC - LCAPC - "XX"
D 8 L LCAPC - LCUPC - "XX" "CC" P2
D 8 P LCUPC - STUPC - "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"=FEET, "XX"=METERS)

END A "TOP END" CONNECTORS (FC/APC SIMPLEX, FC/UPC SIMPLEX, LC/APC DUPLEX, LC/UPC DUPLEX)

END B "BOTTOM END" CONNECTORS (LC/APC DUPLEX, LC/UPC DUPLEX, ST/UPC SIMPLEX) FOR BLUNTS X=BLUNT END (SC/APC DUPLEX, SC/UPC DUPLEX)

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