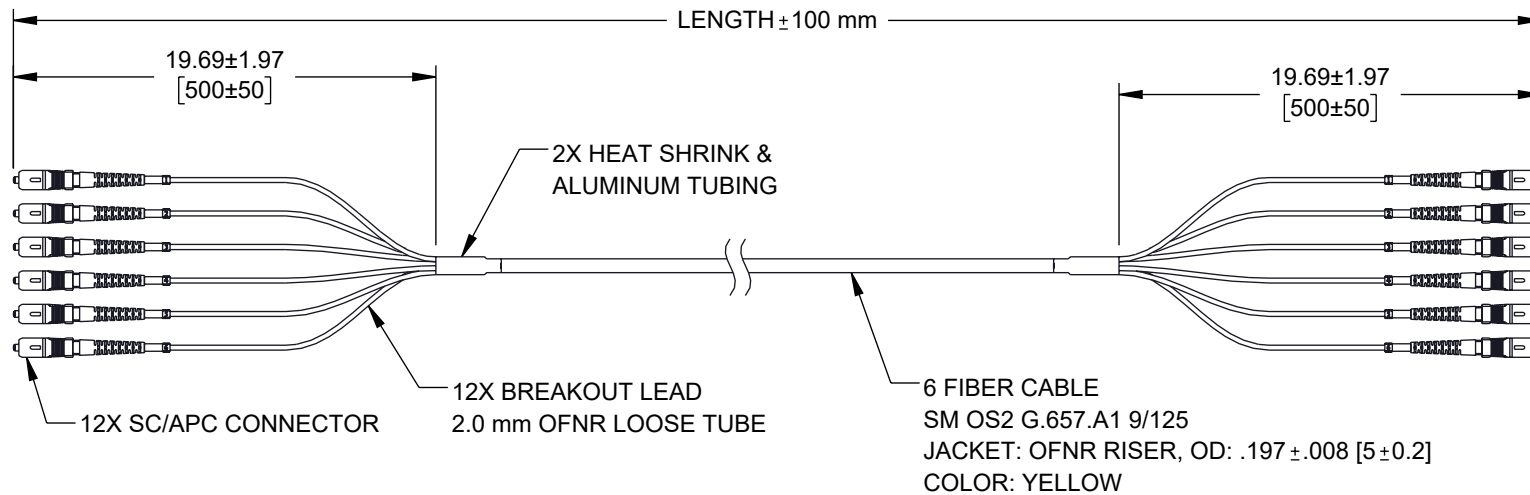


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	07/26/2024	KGLEBOVA	NOTTINGHAM



12X SC/APC CONNECTOR

12X BREAKOUT LEAD
2.0 mm OFNR LOOSE TUBE

2X HEAT SHRINK &
ALUMINUM TUBING

6 FIBER CABLE
SM OS2 G.657.A1 9/125
JACKET: OFNR RISER, OD: .197 ± .008 [5 ± 0.2]
COLOR: YELLOW

F

E

D

C

B

A

F

E

D

C

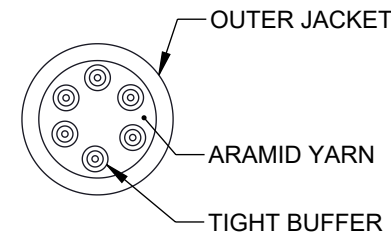
B

A

CABLE SPECIFICATIONS	
ITEM	SPECIFICATION
TIGHT BUFFER DIAMETER	.033 ± .002 [0.85 ± 0.05]
TIGHT BUFFER MATERIAL	PVC
MIN. BEND RADIUS (D: CABLE DIAMETER)	7.5D mm STATIC
	15D mm DYNAMIC
SHORT-TERM TENSILE	320 N
LONG-TERM TENSILE	160 N
SHORT-TERM CRUSH RESISTANCE	1000 N/100 mm
LONG-TERM CRUSH RESISTANCE	300 N/100 mm
STRENGTH MEMBER	ARAMID YARN

OPTICAL SPECIFICATIONS	
FIBER TYPE	SINGLE MODE
INSERTION LOSS	≤ 0.3 dB
RETURN LOSS	≥ 60 dB

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-6S2CACAR2-05	5.0	16.40
FCA-6S2CACAR2-10	10.0	32.81
FCA-6S2CACAR2-15	15.0	49.21



OUTER JACKET

ARAMID YARN

TIGHT BUFFER

NOTES:

- ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN).
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED AND LABELED.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 X = ±.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:
 ≤12 [305] = +1 [25] / -0
 >12 [305] ≤ 60 [1524] = +2 [51] / -0
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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Phone: 1.888.519.9505

<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p>				
SCALE	SHEET			
NONE	1 OF 1			
DESCRIPTION				
FIBER DIST CABLE, 6 STRAND SC/APC-SC/APC OS2, 5 mm RISER JKT, 2.0 mm BREAKOUT AT .5M				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	FCA-6S2CACAR2	A