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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	07/23/2024	KGLEBOVA	NOTTINGHAM

F

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D

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LENGTH ± 100 mm19.69 $\pm$ 1.97
[500 $\pm$ 50]2X HEAT SHRINK &
ALUMINUM TUBING19.69 $\pm$ 1.97
[500 $\pm$ 50]

8X SC/APC CONNECTOR

8X BREAKOUT LEADS
2.0 mm PVC LOOSE TUBE4 FIBER CABLE
SM OS2 G.657.A1 9/125
JACKET: PVC, OD: .189 $\pm$.008 [4.8 $\pm$ 0.2]
COLOR: YELLOW

CABLE SPECIFICATIONS

ITEM	SPECIFICATION
CLADDING DIAMETER	125 μ m
TIGHT BUFFER DIAMETER	.033 $\pm$.002 [0.85 $\pm$ 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

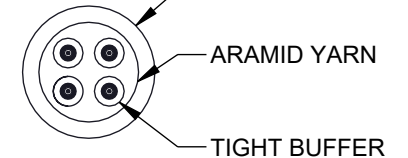
OPTICAL SPECIFICATIONS

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

ITEM NUMBER

LENGTH

	LENGTH	
	METERS	FEET
FCA-4S2CACAV2-05	5.0	16.40
FCA-4S2CACAV2-10	10.0	32.81
FCA-4S2CACAV2-15	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]
XX = ± 0.02 [0.5]
XXX = ± 0.005 [0.13]

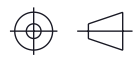
FRACTIONS
 $\pm 1/32$
ANGLES $\pm 1^\circ$

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] = $\pm 5\%$ / -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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TOLERANCES PER ASME Y14.5SCALE
NONESHEET
1 OF 1

DESCRIPTION

FIBER DIST CABLE, 4 STRAND SC/APC-SC/APC OS2, 4.8MM PVC
JKT, 2.0MM BREAKOUT AT .5M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	FCA-4S2CACAV2	A

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