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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	08/01/2024	KGLEBOVA	NOTTINGHAM

F

E

D

C

B

A

F

E

D

C

B

A

LENGTH ± 100 mm
SEE LENGTH TABLE

19.69±1.97
[500±50]

2X HEAT SHRINK &
ALUMINUM TUBING

19.69±1.97
[500±50]

8X SC/UPC CONNECTOR

8X BREAKOUT LEADS
2.0 mm OFNP LOOSE TUBE

4 FIBER OM3 50/125 CABLE
JACKET: OFNP PLENUM, OD: .189±.008 [4.8±0.2]
COLOR: AQUA

CABLE SPECIFICATIONS

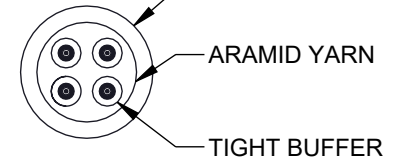
ITEM	SPECIFICATION
TIGHT BUFFER DIAMETER	.033 ± .002 [0.85 ± 0.05]
TIGHT BUFFER MATERIAL	PVC
MIN. BEND RADIUS (D: CABLE DIAMETER)	7.5D mm STATIC 15D mm DYNAMIC
SHORT-TERM TENSILE	320 N
LONG-TERM TENSILE	160 N
SHORT-TERM CRUSH RESISTANCE	1000 N/100 mm
LONG-TERM CRUSH RESISTANCE	300 N/100 mm
STRENGTH MEMBER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

OPTICAL SPECIFICATIONS

FIBER TYPE	MULTIMODE
INSERTION LOSS	≤ 0.3 dB
RETURN LOSS	≥ 30 dB

ITEM NUMBER

	LENGTH	
	METERS	FEET
FCA-4M3SCUSCUP2-05	5.0	16.40
FCA-4M3SCUSCUP2-10	10.0	32.81
FCA-4M3SCUSCUP2-15	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

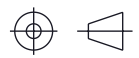
TOLERANCES:
X = ±.2 [5] FRACTIONS
.XX = ±.02 [0.5] ± 1/32
.XXX = ±.005 [0.13] ANGLES ± 1°

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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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION

FIBER DIST CABLE, 4 STRAND SC/UPC-SC/UPC OM3, 4.8 mm
PLENUM JKT, 2.0 mm BREAKOUT AT .5M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	FCA-4M3SCUSCUP2	A

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