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REVISION

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

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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/UPC 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

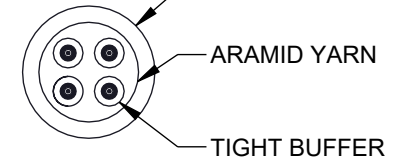
| ITEM | SPECIFICATION |
|---|-----------------------------------|
| CLADDING DIAMETER | 125 μ m |
| TIGHT BUFFER DIAMETER | .033 \pm .002 [0.85 \pm 0.05] |
| TIGHT BUFFER MATERIAL | PVC |
| MIN. BEND RADIUS (D: CABLE DIAMETER) | 7.5D mm STATIC 15D mm DYNAMIC |
| SHORT-TERM TENSILE | 320 N |
| LONG-TERM 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 | ≥ 50 dB |

ITEM NUMBER

| | LENGTH | |
|------------------|--------|-------|
| | METERS | FEET |
| FCA-4S2CUCUV2-05 | 5.0 | 16.40 |
| FCA-4S2CUCUV2-10 | 10.0 | 32.81 |
| FCA-4S2CUCUV2-15 | 15.0 | 49.21 |



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

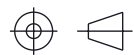
TOLERANCES:
X = ± 2 [5]
XX = ± 0.02 [0.5]
XXX = ± 0.005 [0.13]
FRACTIONS
 $\pm 1/32$
ANGLES $\pm 1^\circ$

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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an INFINITE brand

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Phone: 1.888.519.9505



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 OS2, 4.8MM PVC
JKT, 2.0MM BREAKOUT AT .5M

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|----------|---------------|-----|
| A | 3SVT8 | KGLEBOVA | FCA-4S2CUCUV2 | A |

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