

6

5

4

3

2

1

REVISION

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

F

E

D

C

B

A

F

E

D

C

B

A

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 OFNP LOOSE TUBE4 FIBER CABLE
SM OS2 G.657.A1 9/125
JACKET: OFNP PLENUM, 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

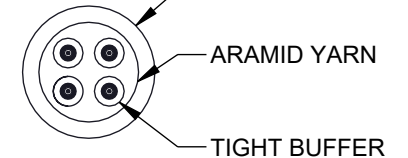
OPTICAL SPECIFICATIONS

FIBER TYPE	SINGLE MODE
INSERTION LOSS	≤ 0.3 dB
RETURN LOSS	≥ 50 dB

ITEM NUMBER

LENGTH

	LENGTH	
	METERS	FEET
FCA-4S2CUCUP2-05	5.0	16.40
FCA-4S2CUCUP2-10	10.0	32.81
FCA-4S2CUCUP2-15	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).

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

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

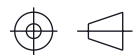
TOLERANCES:
X = ± 2 [5]
XX = ± 0.02 [0.5]
XXX = ± 0.005 [0.13]
FRACTIONS
 $\pm 1/32$
ANGLES $\pm 1^\circ$

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

Show Me
CABLES
an INFINITE brand

Website: www.ShowMeCables.com
Phone: 1.888.519.9505



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET

NONE 1 OF 1

DESCRIPTION

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

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	FCA-4S2CUCUP2	A

6

5

4

3

2

1