

6

5

4

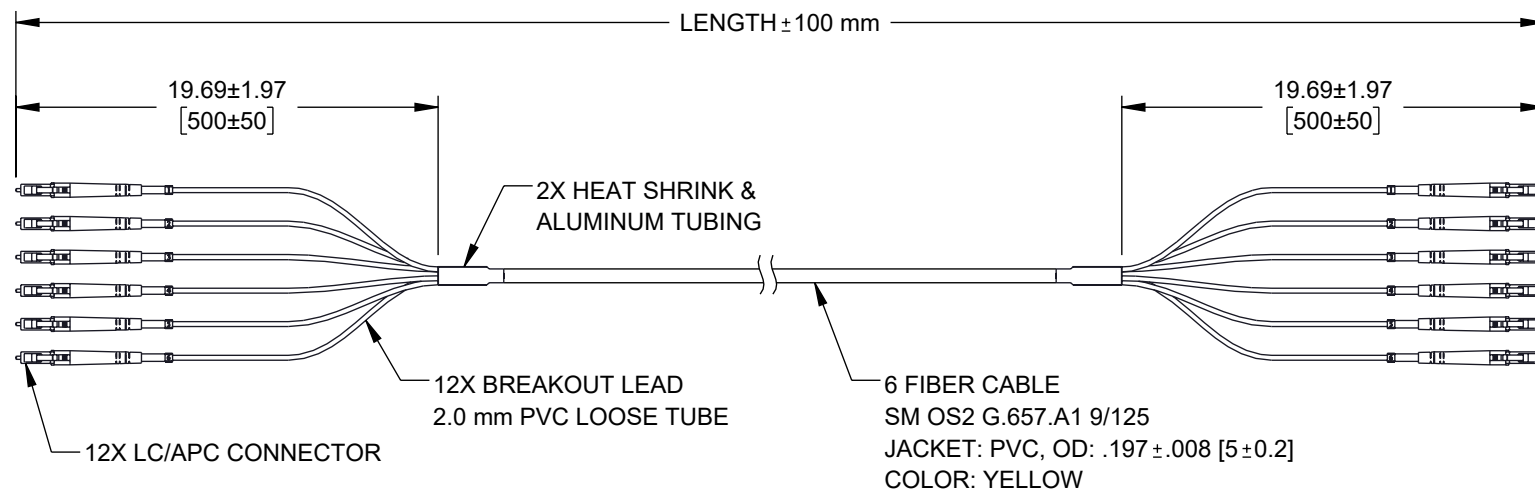
3

2

1

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	07/25/2024	KGLEBOVA	NOTTINGHAM



CABLE SPECIFICATIONS

ITEM	SPECIFICATION
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

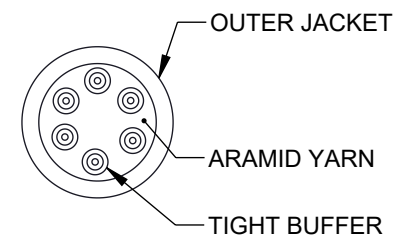
OPTICAL SPECIFICATIONS

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

ITEM NUMBER

LENGTH

	METERS	FEET
FCA-6S2LCALCAV2-05	5.0	16.40
FCA-6S2LCALCAV2-10	10.0	32.81
FCA-6S2LCALCAV2-15	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.

6

5

4

3

2

1

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

TOLERANCES:

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

CABLE LENGTH TOLERANCES:

≤ 12 [305]	≤ 12 [305] = ± 1 [25] / -0
>12 [305] ≤ 60 [1524]	≤ 60 [1524] = ± 2 [51] / -0
>60 [1524] ≤ 120 [3048]	≤ 120 [3048] = ± 4 [102] / -0
>120 [3048] ≤ 300 [7620]	≤ 300 [7620] = ± 6 [152] / -0
>300 [7620]	≤ 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

L-com
an INFINIT@ brand

Website: www.L-com.com
Phone: 1.800.341.5266 | 1.978.682.6936



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION

FIBER DIST CABLE, 6 STRAND LC/APC-LC/APC OS2, 5 mm PVC
JKT, 2.0 mm BREAKOUT AT .5M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	FCA-6S2LCALCAV2	A