

6

5

4

3

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	07/22/2024	KGLEBOVA	NOTTINGHAM

F

F

E

E

D

D

C

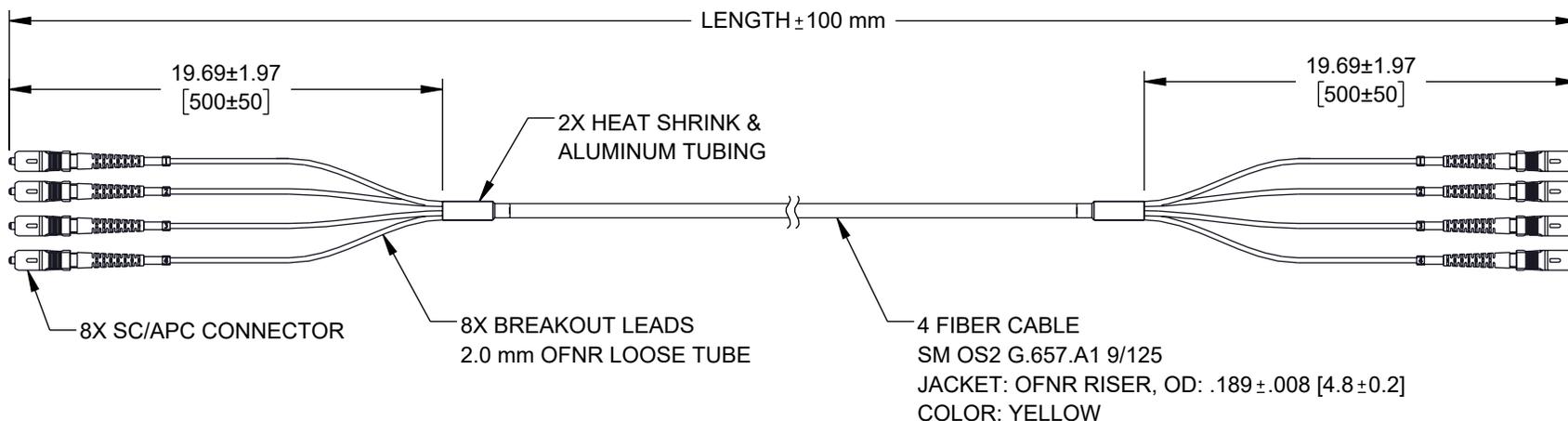
C

B

B

A

A

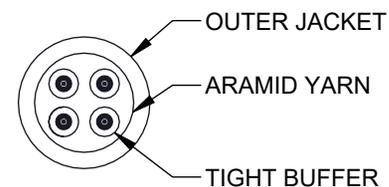


## CABLE SPECIFICATIONS

ITEM	SPECIFICATION
CLADDING DIAMETER	125 $\mu$ 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	$\leq 0.3$ dB
RETURN LOSS	$\geq 60$ dB



## ITEM NUMBER

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-4S2SCASCAR2-05	5.0	16.40
FCA-4S2SCASCAR2-10	10.0	32.81
FCA-4S2SCASCAR2-15	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 =  $\pm 2$  [5]  
.XX =  $\pm 0.02$  [0.5]  
.XXX =  $\pm 0.005$  [0.13]  
FRACTIONS  
 $\pm 1/32$   
ANGLES  $\pm 1^\circ$

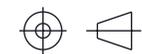
CABLE LENGTH TOLERANCES:  
 $\leq 12$  [305] =  $\pm 1$  [25] / -0  
>12 [305]  $\leq 60$  [1524] =  $\pm 2$  [51] / -0  
>60 [1524]  $\leq 120$  [3048] =  $\pm 4$  [102] / -0  
>120 [3048]  $\leq 300$  [7620] =  $\pm 8$  [152] / -0  
>300 [7620] =  $\pm 5\%$  / -0

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

**L-com**  
an INFINIT@ brand

Website: [www.L-com.com](http://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, 4 STRAND SC/APC-SC/APC OS2, 4.8MM  
RISER JKT, 2.0MM BREAKOUT AT .5M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	FCA-4S2SCASCAR2	A

6

5

4

3

2

1