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## REVISION

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

F

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D

D

C

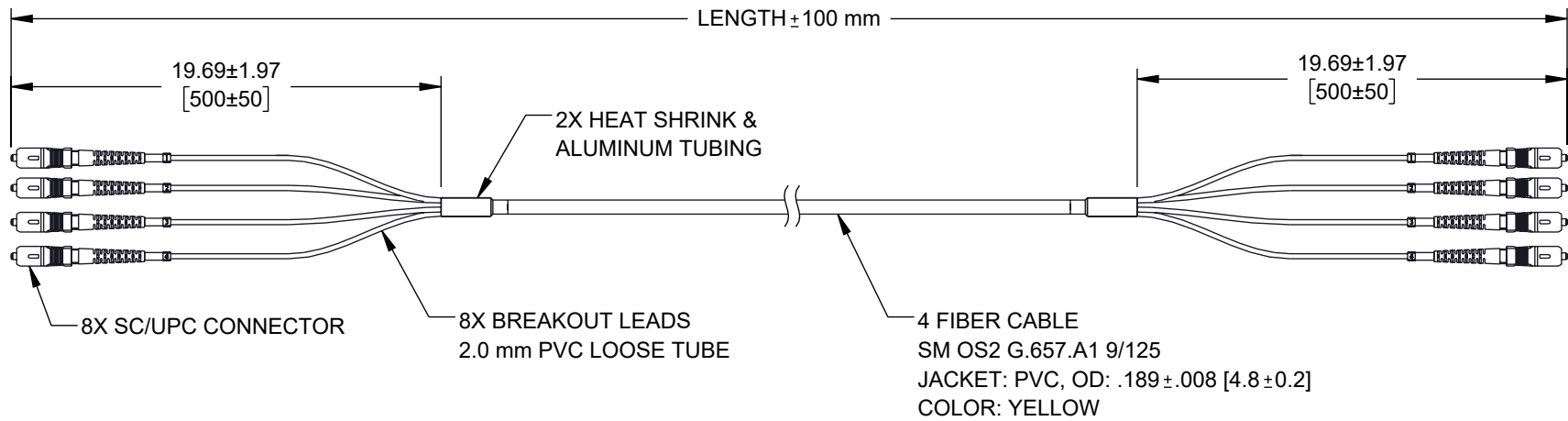
C

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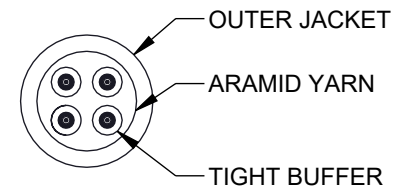


## CABLE SPECIFICATIONS

ITEM	SPECIFICATION
CLADDING DIAMETER	125 $\mu$ m
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	SINGLE MODE
INSERTION LOSS	≤ 0.3 dB
RETURN LOSS	≥ 50 dB



## ITEM NUMBER

## LENGTH

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-4S2SCUSCUV2-05	5.0	16.40
FCA-4S2SCUSCUV2-10	10.0	32.81
FCA-4S2SCUSCUV2-15	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

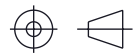
TOLERANCES:  
X = ±.2 [5] | FRACTIONS  
XX = ±.02 [0.5] | ± 1/32  
XXX = ±.005 [0.13] | ANGLES ± 1°

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	SHEET
NONE	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	43321	KGLEBOVA	FCA-4S2SCUSCUV2	A

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