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REVISION

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

F

E

D

C

B

A

F

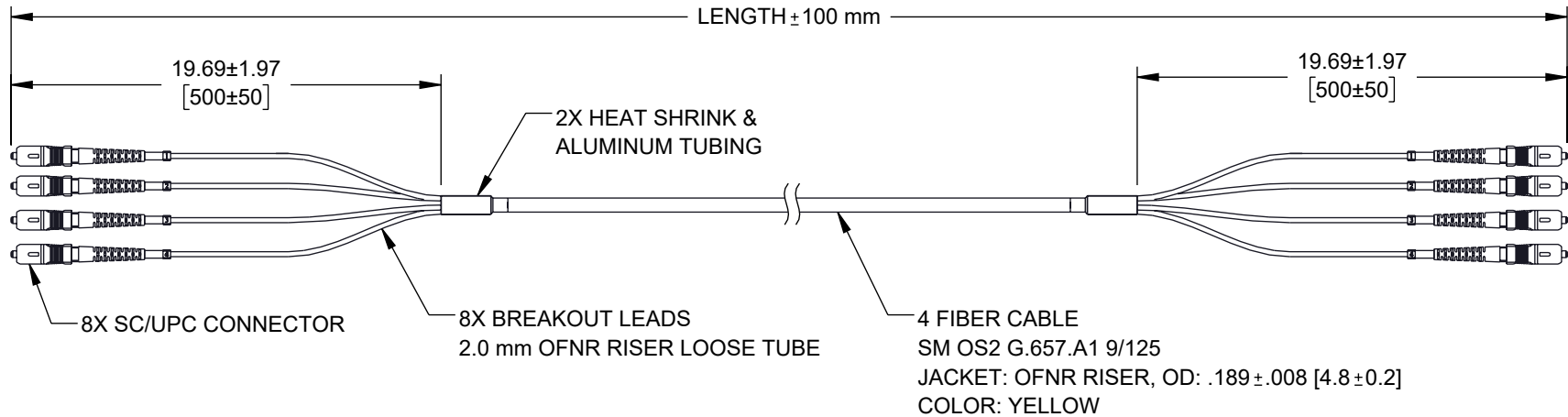
E

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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

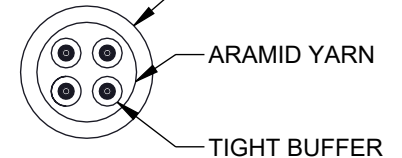
OPTICAL SPECIFICATIONS

FIBER TYPE	SINGLE MODE
INSERTION LOSS	$\leq$ 0.3 dB
RETURN LOSS	$\geq$ 50 dB

ITEM NUMBER

LENGTH

	METERS	FEET
FCA-4S2CUCUR2-05	5.0	16.40
FCA-4S2CUCUR2-10	10.0	32.81
FCA-4S2CUCUR2-15	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 = $\pm$ 2 [5]
XX = $\pm$ 0.02 [0.5]
XXX = $\pm$ 0.005 [0.13]
FRACTIONS
 $\pm$ 1/32
ANGLES $\pm$ 1°

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] = $\pm$ 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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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
RISER JKT, 2.0MM BREAKOUT AT .5M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	FCA-4S2CUCUR2	A

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