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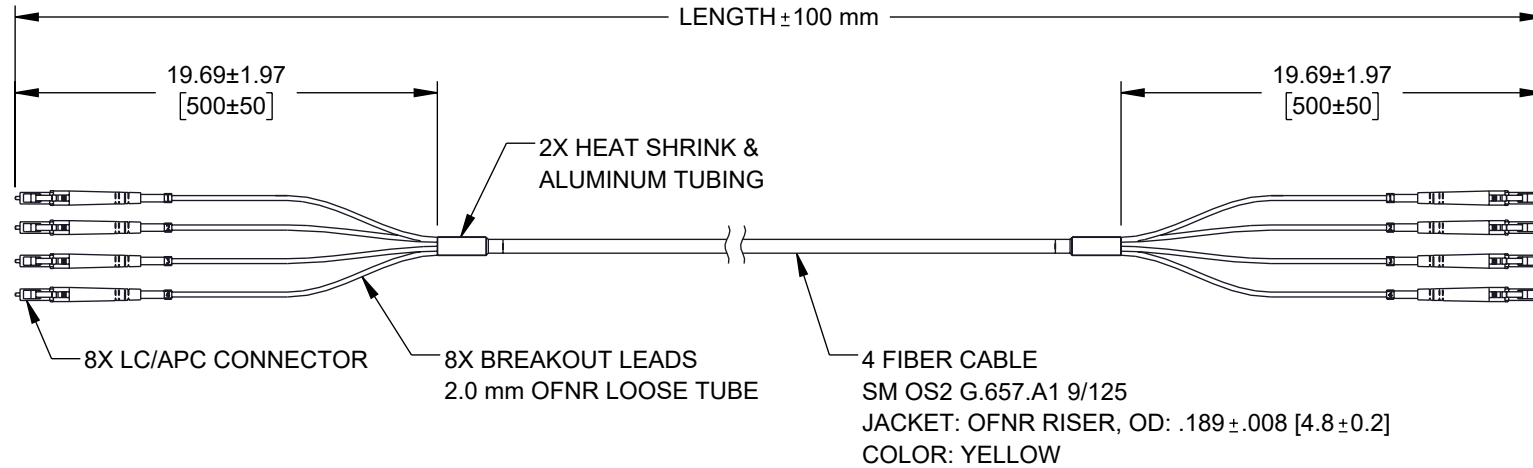
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## REVISION

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



## 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<br>(D: CABLE DIAMETER) | 7.5D mm STATIC<br>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                       |

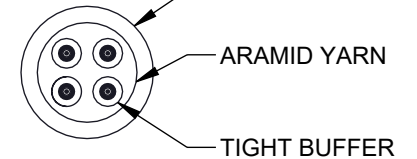
## OPTICAL SPECIFICATIONS

| FIBER TYPE     | SINGLE MODE   |
|----------------|---------------|
| INSERTION LOSS | $\leq 0.3$ dB |
| RETURN LOSS    | $\geq 60$ dB  |

## ITEM NUMBER

## LENGTH

|                  | LENGTH |       |
|------------------|--------|-------|
|                  | METERS | FEET  |
| FCA-4S2LALAR2-05 | 5.0    | 16.40 |
| FCA-4S2LALAR2-10 | 10.0   | 32.81 |
| FCA-4S2LALAR2-15 | 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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LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

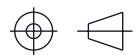
TOLERANCES:  
X =  $\pm 2$  [5]  
XX =  $\pm 0.02$  [0.5]  
XXX =  $\pm 0.005$  [0.13]  
FRACTIONS  
 $\pm 1/32$   
ANGLES  $\pm 1^\circ$

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] =  $\pm 6$  [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 SHEET

NONE 1 OF 1

## DESCRIPTION

FIBER DIST CABLE, 4 STRAND LC/APC-LC/APC OS2, 4.8 MM  
RISER JKT, 2.0 MM BREAKOUT AT .5M

| SIZE | CAGE CODE | DRAWN BY | ITEM NO.      | REV |
|------|-----------|----------|---------------|-----|
| A    | 3SVT8     | KGLEBOVA | FCA-4S2LALAR2 | A   |

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