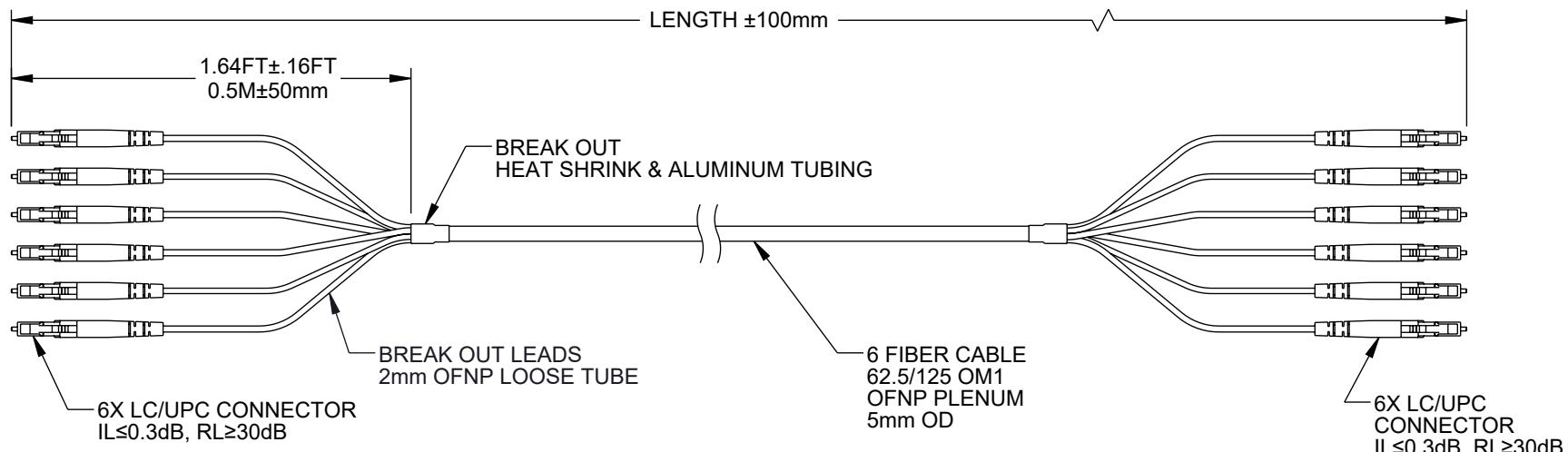
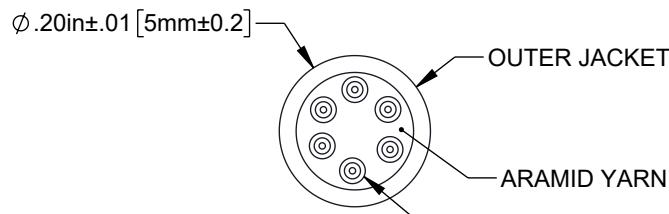


| ZONE | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED   |
|------|-----|-----------------|------------|------------|------------|
|      | A   | INITIAL RELEASE | 07/22/2024 | DZINN      | NOTTINGHAM |



| CABLE TECHNICAL PARAMETERS         |             |                 |
|------------------------------------|-------------|-----------------|
| CABLE                              | OD(mm)      | 5 $\pm 0.2$     |
| BUFFER                             | OD(mm)      | 0.85 $\pm 0.05$ |
|                                    | MATERIAL    | PVC             |
| MAX TENSILE<br>STRENGTH (N)        | SHORT TERM  | 320             |
|                                    | LONG TERM   | 160             |
| MIN. BENDING RADIUS                | DYNAMIC     | 15D             |
|                                    | STATIC      | 7.5D            |
| MAX. CRUSH<br>RESISTANCE (N/100mm) | SHORT TERM  | 1000            |
|                                    | LONG TERM   | 300             |
| COLOR                              | ORANGE      |                 |
| STRENGTH MEMBERS                   | ARAMID YARN |                 |



| ITEM NUMBER        | LENGTH |       |
|--------------------|--------|-------|
|                    | METERS | FEET  |
| FCA-6M1LCULCUP2-05 | 5      | 16.40 |
| FCA-6M1LCULCUP2-10 | 10     | 32.81 |
| FCA-6M1LCULCUP2-15 | 15     | 49.21 |

## NOTES:

1. ALL CONNECTORS SUPPLIED WITH A DUST CAP INSTALLED, BUT NOT SHOWN.
2. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED AND LABELED.

A 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:  
 $X = \pm .2 [5]$  FRACTIONS  
 $XX = \pm .02 [0.5]$   $\pm 1/32$   
 $XXX = \pm .005 [0.13]$  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, 6 STRAND LC/UPC-LC/UPC OM1,  
5mm PLENUM JKT, 2mm BREAKOUT AT 0.5M

| SIZE | CAGE CODE | DRAWN BY | ITEM NO.        | REV |
|------|-----------|----------|-----------------|-----|
| A    | 43321     | DZINN    | FCA-6M1LCULCUP2 | A   |