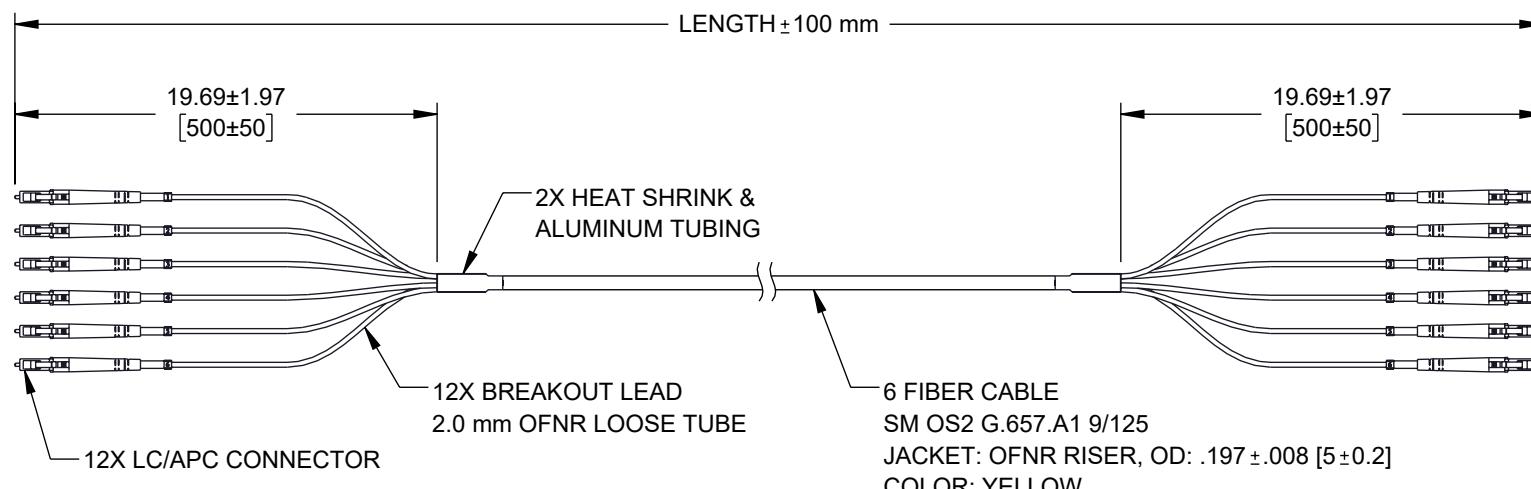
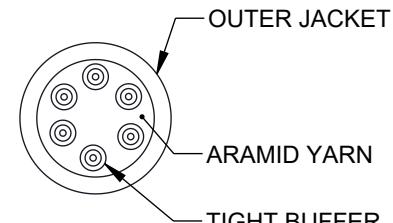


| ZONE | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED   |
|------|-----|-----------------|------------|------------|------------|
|      | A   | INITIAL RELEASE | 07/25/2024 | KGLEBOVA   | NOTTINGHAM |



| CABLE SPECIFICATIONS                    |                                  |
|---|----------------------------------|
| ITEM                                    | SPECIFICATION                    |
| TIGHT BUFFER DIAMETER                   | .033±.002 [0.85±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         | ≤ 0.3 dB    |
| RETURN LOSS            | ≥ 60 dB     |
| ITEM NUMBER            |             |
|                        | LENGTH      |
|                        | METERS FEET |
| FCA-6S2LCALCAR2-05     | 5.0 16.40   |
| FCA-6S2LCALCAR2-10     | 10.0 32.81  |
| FCA-6S2LCALCAR2-15     | 15.0 49.21  |



## NOTES:

1. ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN).
2. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
3. 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:  
XX = ±.02 [0.5] FRACTIONS  
XXX = ±.005 [0.13] ± 1/32  
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, 6 STRAND LC/APC-LC/APC OS2, 5 mm  
RISER JKT, 2.0 mm BREAKOUT AT .5M

|      |           |          |                 |     |
|------|-----------|----------|-----------------|-----|
| SIZE | CAGE CODE | DRAWN BY | ITEM NO.        | REV |
| A    | 43321     | KGLEBOVA | FCA-6S2LCALCAR2 | A   |