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## REVISION

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

F

E

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F

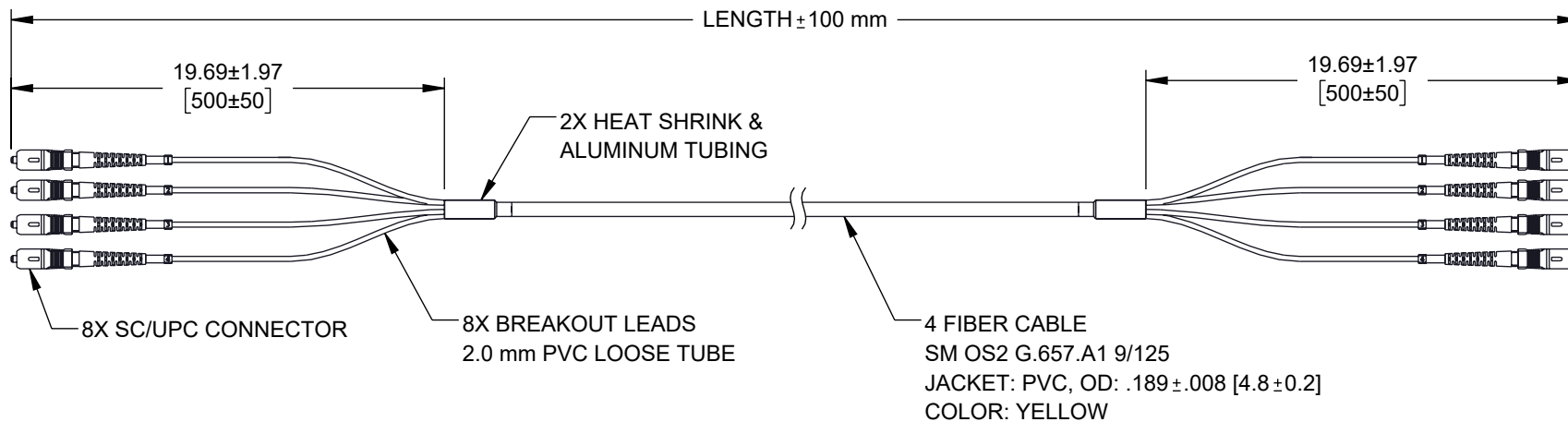
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## CABLE SPECIFICATIONS

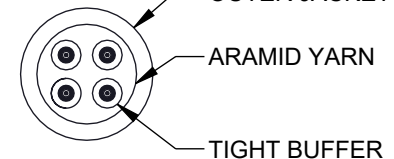
| ITEM                                 | SPECIFICATION                     |
|--------------------------------------|-----------------------------------|
| CLADDING DIAMETER                    | 125 $\mu$ m                       |
| TIGHT BUFFER DIAMETER                | .033 $\pm$ .002 [0.85 $\pm$ 0.05] |
| TIGHT BUFFER MATERIAL                | PVC                               |
| MIN. BEND RADIUS (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    | $\geq$ 50 dB  |

## ITEM NUMBER

|                  | LENGTH |       |
|------------------|--------|-------|
|                  | METERS | FEET  |
| FCA-4S2CUCUV2-05 | 5.0    | 16.40 |
| FCA-4S2CUCUV2-10 | 10.0   | 32.81 |
| FCA-4S2CUCUV2-15 | 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 =  $\pm$  .02 [0.5]  
XXX =  $\pm$  .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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Phone: 1.888.519.9505



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 PVC  
JKT, 2.0MM BREAKOUT AT .5M

| SIZE | CAGE CODE | DRAWN BY | ITEM NO.      | REV |
|------|-----------|----------|---------------|-----|
| A    | 3SVT8     | KGLEBOVA | FCA-4S2CUCUV2 | A   |

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