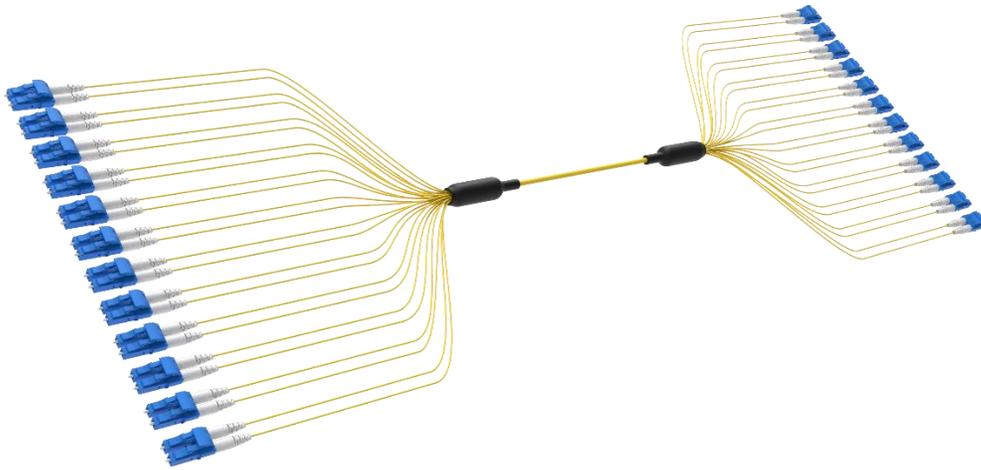


## INDOOR PRETERMS MICRO CABLE (UP TO 144FO)



Browse on Mobile

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NEXCONEC<sup>®</sup> Indoor Preterms offers quick and cost-effective installation within an indoor environment or intrabuilding premises. We manufacture preterm with superior fiber/cable performance, high quality connectors which offers improved link loss budgets. Micro core cables constructed of up to 144 fibers, 900 $\mu$ m or 2mm simplex cables coated with single or double jackets and aramid strength members. Available in different grade of CPR certified cables.

### FEATURES

- ✓ Up to 144 fibers available
- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ Available in standard Single-mode and Multimode fiber options
- ✓ Available in LC, SC, FC, ST and other connector types
- ✓ Available with our standard pulling system
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant
- ✓ Cable jacket available in PVC, LSZH and UL rated material options
- ✓ 900 $\mu$ m or 2mm ruggedized tails
- ✓ CPR Euro classes certified on demand 

### APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network
- ✓ Broadband network
- ✓ Supports up to 100G applications

**SINGLE FERRULE CONNECTOR SPECIFICATIONS**

| Parameters    | IL – Max  | IL – Typical | RL (PC/APC) |
|---------------|-----------|--------------|-------------|
| SM – Standard | ≤ 0.30 dB | ≤ 0.20 dB    | > 55/65 dB  |
| SM – Premium  | ≤ 0.15 dB | ≤ 0.12 dB    | > 55/65 dB  |
| MM – Standard | ≤ 0.30 dB | ≤ 0.18 dB    | > 28 dB     |
| MM – Premium  | ≤ 0.15 dB | ≤ 0.08 dB    | > 28 dB     |

**CABLE CHARACTERISTICS**

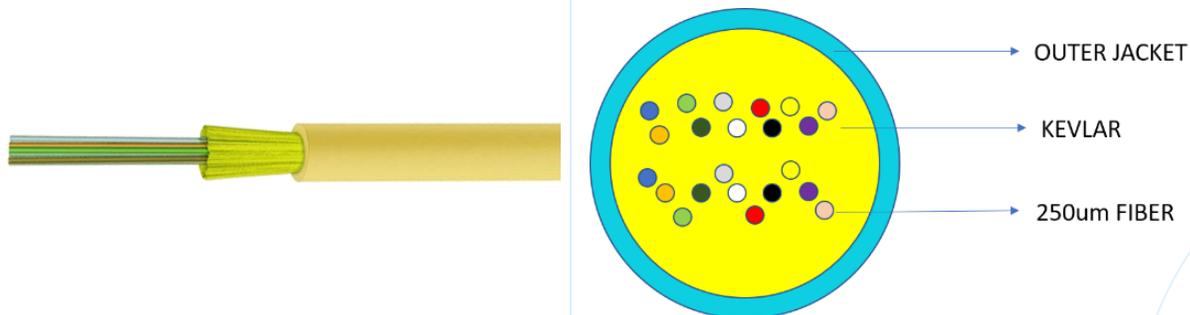
| Parameter                           | Unit      | Value                        |                |               |                |      |      |      |
|-------------------------------------|-----------|------------------------------|----------------|---------------|----------------|------|------|------|
| Cable Jacket                        |           | Single                       | Double         |               |                |      |      |      |
| Fiber Count                         |           | 12F                          | 12F            | 24F           | 48F            | 72F  | 96F  | 144F |
| Number of Fibers per Tube           |           | 12                           | 12             | 24            | 12             | 12   | 12   | 12   |
| Number of Micro Tubes               |           | 1                            | 1              | 1             | 4              | 6    | 8    | 12   |
| Outer Diameter                      | mm        | 3.0                          | 4.5            | 4.5           | 9.6            | 11.2 | 13.3 | 17.5 |
| Tail Diameter                       | mm        | 900µm or 2.0mm               |                |               |                |      |      |      |
| Tensile Strength (Long Term)        | N         | 80                           | 150            | 150           | 300            | 350  | 400  | 450  |
| Tensile Strength (Short Term)       | N         | 200                          | 400            | 400           | 600            | 1000 | 1000 | 1000 |
| Crush Resistance (Long Term)        | N/100mm   | 150                          | 300            | 300           | 300            | 300  | 300  | 300  |
| Crush Resistance (Short Term)       | N/100mm   | 500                          | 1000           | 1000          | 1000           | 1000 | 1000 | 1000 |
| Min. Bending Radius                 | mm        | 10D (Static) / 20D (Dynamic) |                |               |                |      |      |      |
| Cable Jacket Material               |           | LSZH or PVC                  |                |               |                |      |      |      |
| Strength Member                     |           | Kevlar, Aramid Yarn          |                |               |                |      |      |      |
| Storage Temperature                 | °C        | -20 ~ +70                    |                |               |                |      |      |      |
| Operating Temperature               | °C        | -20 ~ +70                    |                |               |                |      |      |      |
| Installation Temperature            | °C        | -10 ~ +50                    |                |               |                |      |      |      |
| Compliance                          |           | RoHS, REACH & SvHC           |                |               |                |      |      |      |
| CPR Reaction to Fire Classification | Certified | Cca-s1a,d0,a1                | B2ca-s1a,d0,a1 | Cca-s1a,d0,a1 | B2ca-s1a,d0,a1 |      |      |      |

## FIBER COLORS

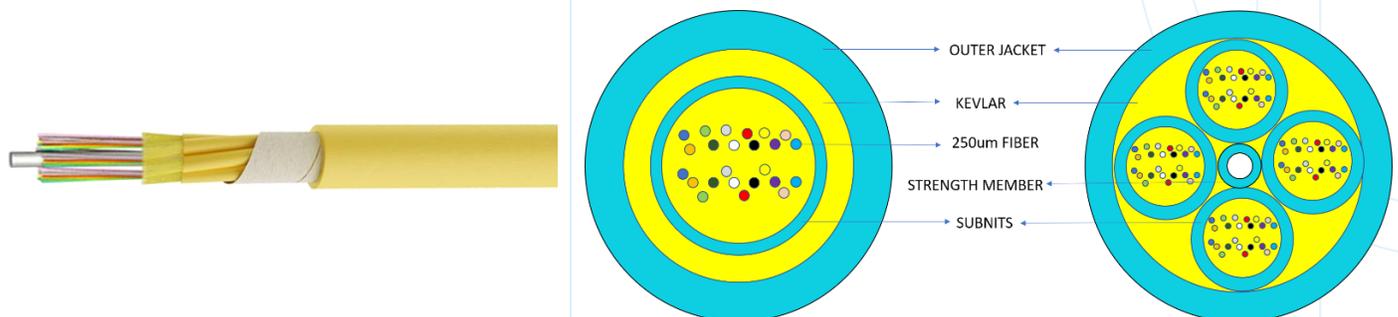
|      |        |        |        |      |       |
|------|--------|--------|--------|------|-------|
| 1    | 2      | 3      | 4      | 5    | 6     |
| Blue | Orange | Green  | Brown  | Grey | White |
| 7    | 8      | 9      | 10     | 11   | 12    |
| Red  | Black  | Yellow | Violet | Pink | Aqua  |

## CABLE CONSTRUCTION DIAGRAM

### Micro Cable - Single Jacket



### Micro Cable - Double Jacket



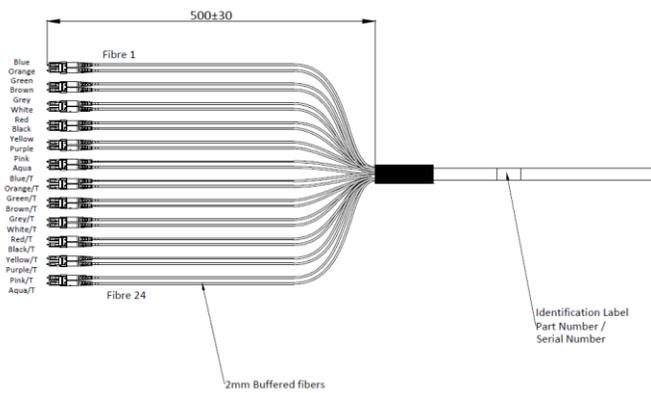
## ORDER INFORMATION

Ask Sales for Order Details: [sales@nexconec.com](mailto:sales@nexconec.com)

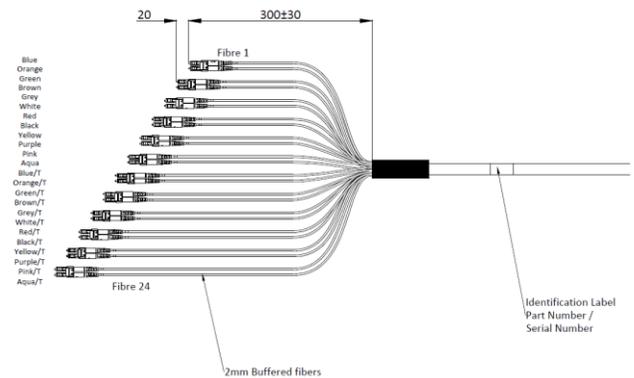
Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

## CABLE TAIL CONFIGURATION OPTIONS

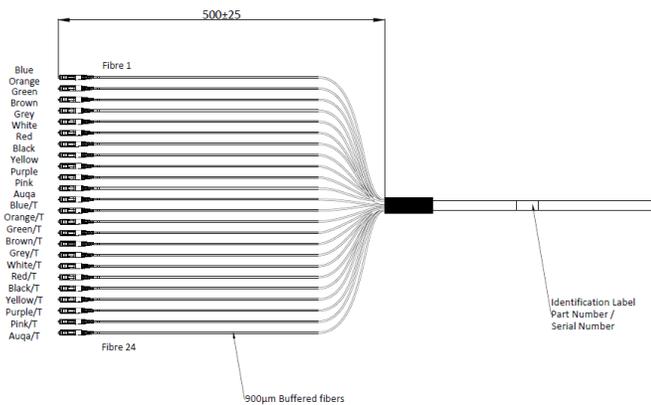
### Fan-Out Ruggedized 2.0mm



### Staggered Fan-Out Ruggedized 2.0mm



### Fan-Out Buffered 0.9mm



### Staggered Fan-Out Buffered 0.9mm

