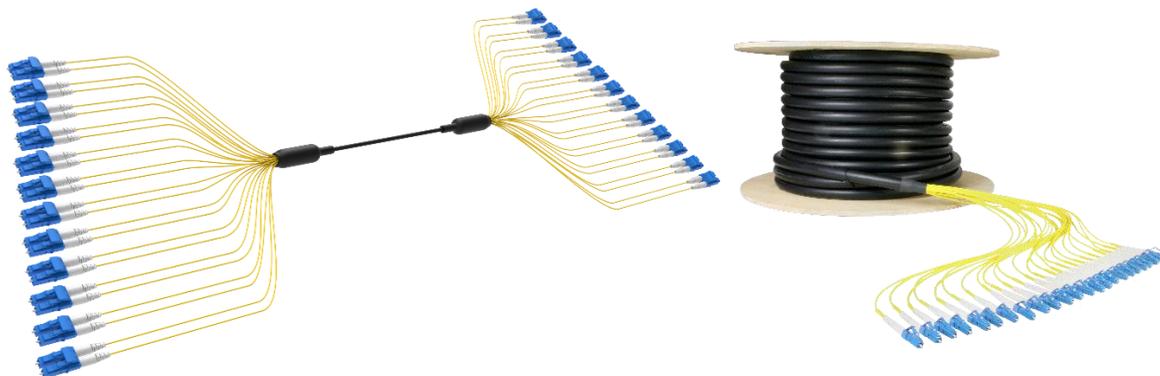


## INDOOR/OUTDOOR PRETERMS MICRO CABLE FLEX ARMORED



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These NEXCONEC<sup>®</sup> Indoor/Outdoor Preterms are made of Microcore Flex Armored cable, contains 12 of 250 $\mu$ m optical fibers in a micro tube, accommodated in the helical flex armored tube and surrounded by E-glass, Kevlar, water blocking yarn and UV resistant LSZH outer jacket.

These multi-fiber assemblies are available in single-mode or multimode fiber options. It offers quick and cost-effective installation for interbuilding, LAN or Campus wide network. We manufacture preterms with superior fiber/cable performance to withstand outdoor harsh environments and high-quality connectors.

### FEATURES

- ✓ Standard SM and MM fiber options available
- ✓ Available in LC, SC, FC, ST and other connector types
- ✓ Pulling system optional
- ✓ Conforms to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant
- ✓ 900 $\mu$ m or 2mm ruggedized tails

### APPLICATIONS

- ✓ Telecommunication networks
- ✓ LAN or Campus wide Network
- ✓ Internal/External Application
- ✓ Supports up to 100G applications
- ✓ Indoor & Outdoor Jacket Material

**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**

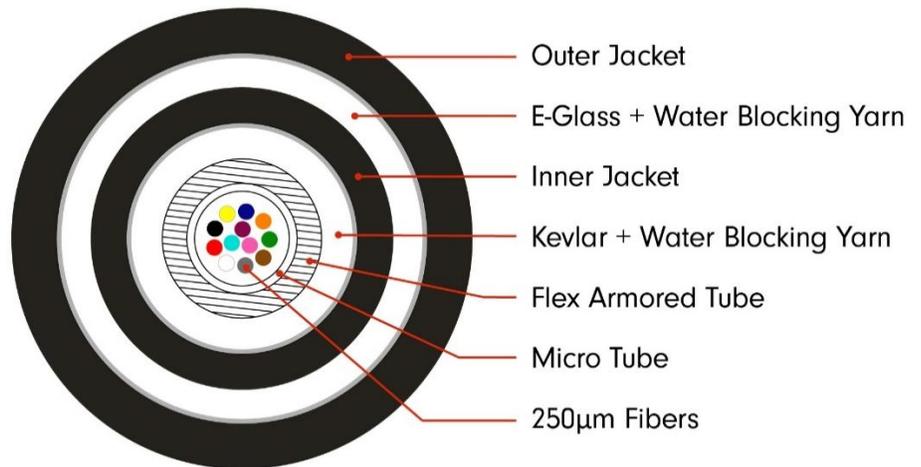
Parameter	Unit	Value					
Fiber Count		12F	24FO	72FO	96FO	144FO	288FO
Number of Fibers per Tube		12	24	12	12	12	12
Number of Micro Tubes		1	1	6	8	12	24
Outer Jacket Diameter	mm	4.5±0.2	5.5±0.1	11.5±0.5	14.0±0.5	17.5±0.5	22±0.5
Micro Tube Diameter	mm	3.0±0.1	4.0±0.1	3.0±0.1	3.0±0.1	3.0±0.1	3.0±0.1
Flex Armored Tube Diameter	mm	2.1±0.1	3.2±0.1	2.1±0.1	2.1±0.1	2.1±0.1	2.1±0.1
Loose Buffer Diameter	mm	1.4±0.1	2.0±0.1	1.4±0.1	1.4±0.1	1.4±0.1	1.4±0.1
Tensile Strength (Long Term)	N	150	80	400	300	500	500
Tensile Strength (Short Term)	N	500	150	800	1000	1200	1000
Crush Resistance (Long Term)	N/100mm	600	500	500	500	500	1000
Crush Resistance (Short Term)	N/100mm	1200	2000	2000	1500	2000	2500
Min. Bending Radius	mm	10D (Static) / 20D (Dynamic)					
Tail Diameter	mm	900µm or 2.0mm					
Cable Jacket Material		UV-LSZH (Black)					
Armoring		Flex Armored Helical Tube					
Strength Member		E-glass, Kevlar					
Storage Temperature	°C	-20 ~ +70					
Operating Temperature	°C	-20 ~ +70					
Installation Temperature	°C	-10 ~ +50					
Compliance		RoHS, REACH & SvHC					

## 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 Flex Armored



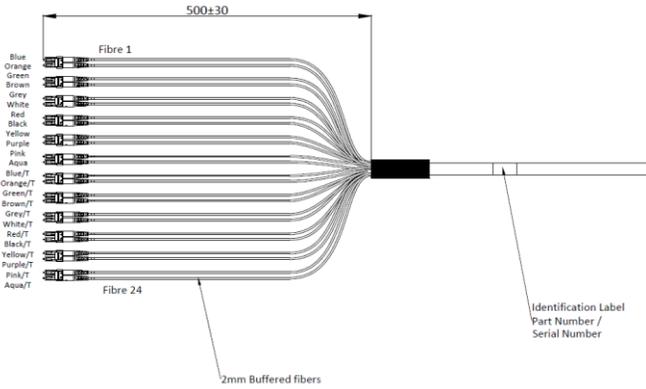
## ORDER INFORMATION

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

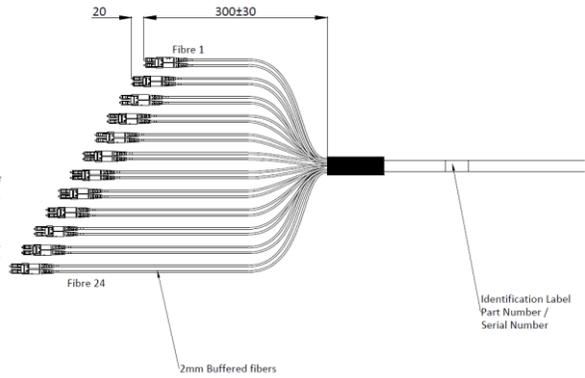
Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

## CABLE TAIL CONFIGURATION OPTIONS

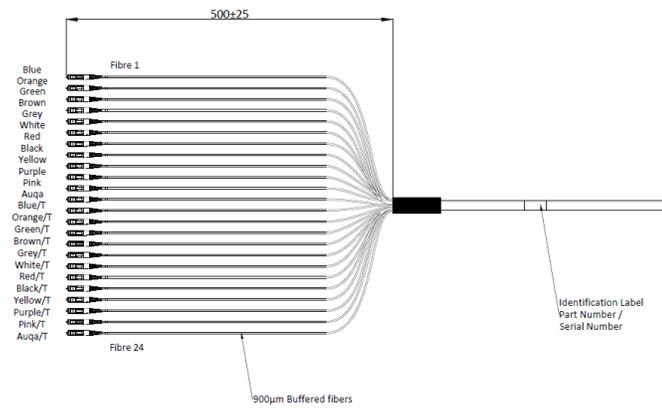
### Fan-Out Ruggedized 2.0mm



### Staggered Fan-Out Ruggedized 2.0mm



### Fan-Out Buffered 0.9mm



### Staggered Fan-Out Buffered 0.9mm

