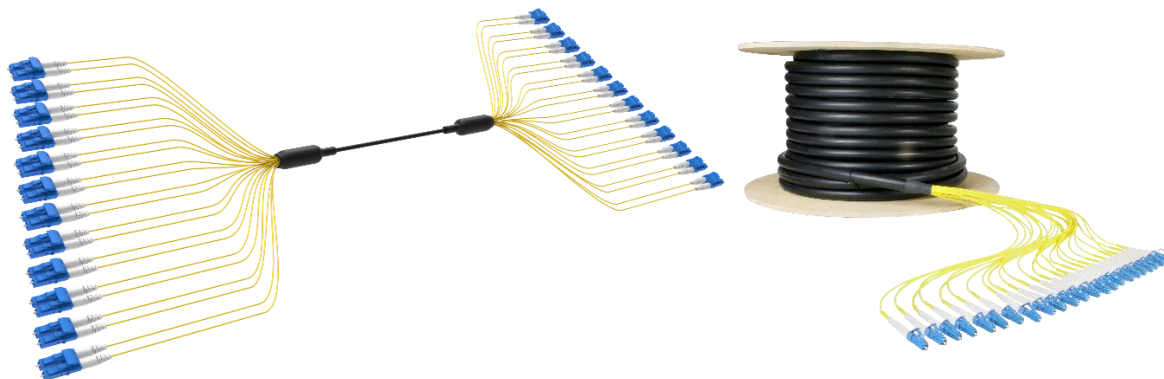


INDOOR/OUTDOOR PRETERMS MICRO CABLE FLEX ARMORED



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These NEXCONEC[®] Indoor/Outdoor Preterms are made of Microcore Flex Armored cable, contains 12 of 250 μ 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 μ 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

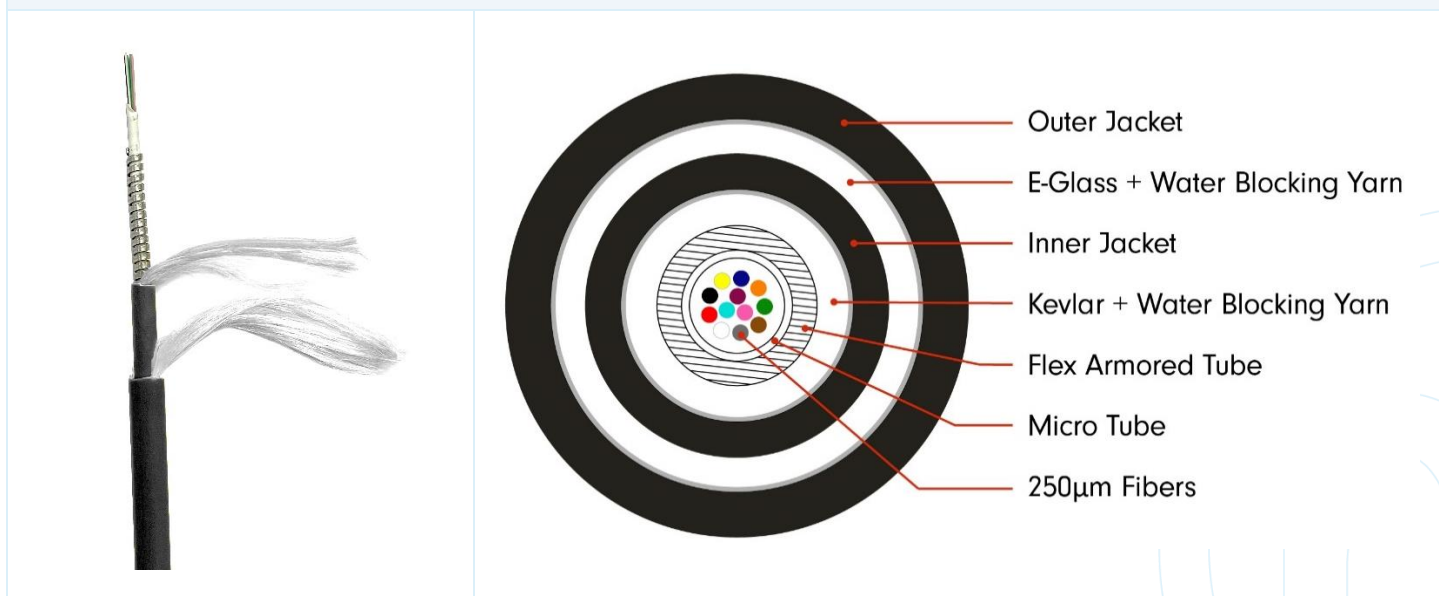
Parameter	Unit	Value
Fiber Count		12F
Number of Fibers per Tube		12
Number of Micro Tubes		1
Outer Jacket Diameter	mm	4.5±0.2
Inner Jacket Diameter	mm	3.0±0.1
Flex Armored Tube Diameter	mm	2.1±0.05
Tail Diameter	mm	900µm or 2.0mm
Tensile Strength (Long Term)	N	150
Tensile Strength (Short Term)	N	500
Crush Resistance (Long Term)	N/100mm	600
Crush Resistance (Short Term)	N/100mm	1200
Min. Bending Radius	mm	10D (Static) / 20D (Dynamic)
Cable Jacket Material		UV-LSZH (Black)
Armoring		Flex Armored Helical Tube
Strength Member		E-glass, Kevlar
Storage Temperature	°C	-40 ~ +70
Operating Temperature	°C	-40 ~ +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



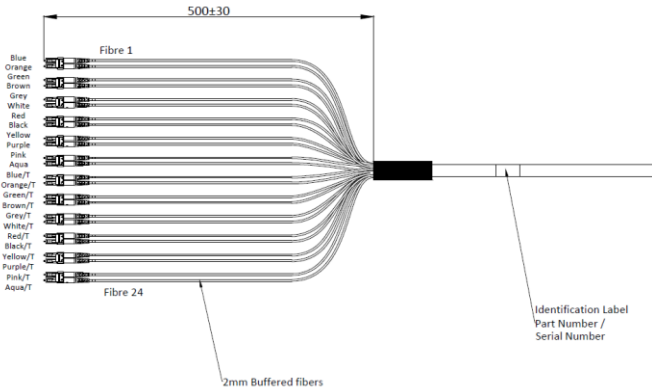
ORDER INFORMATION

Ask Sales for Order Details: sales@nexconec.com

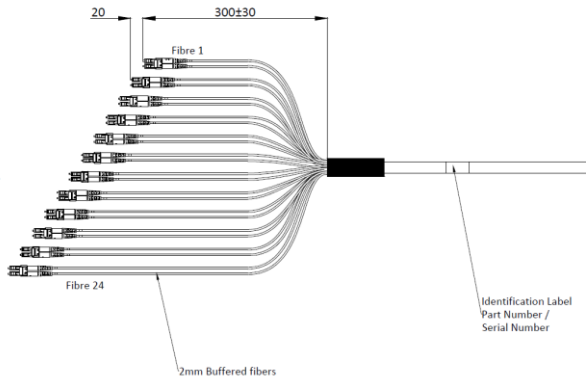
Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

CABLE TAIL CONFIGURATION OPTIONS

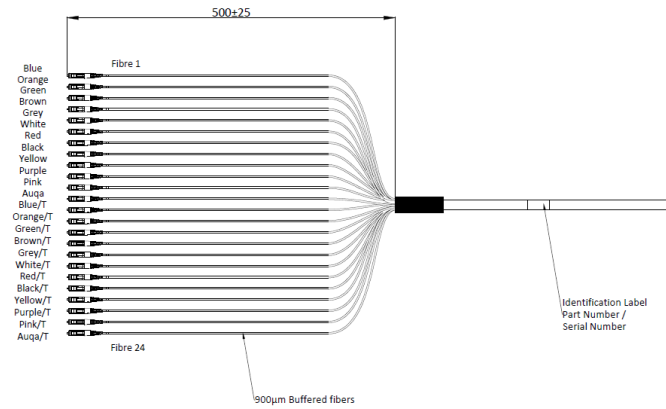
Fan-Out Ruggedized 2.0mm



Staggered Fan-Out Ruggedized 2.0mm



Fan-Out Buffered 0.9mm



Staggered Fan-Out Buffered 0.9mm

