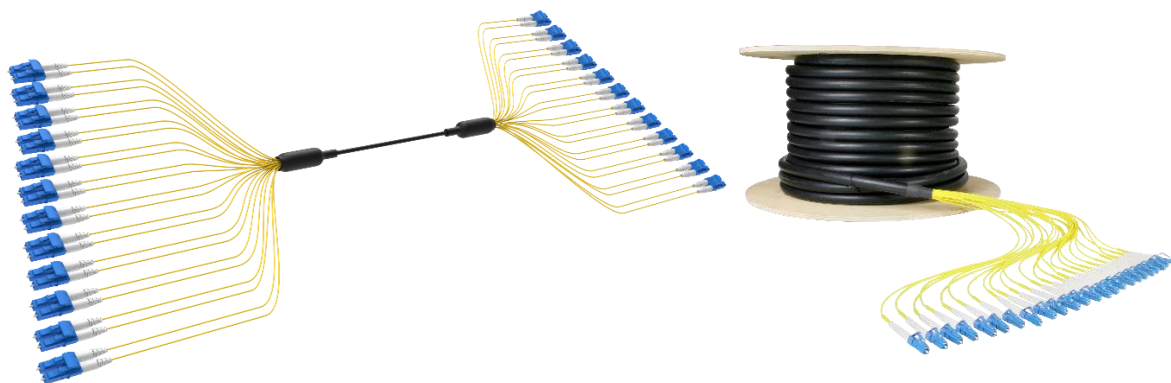


OUTDOOR PRETERMS SINGLE LOOSE TUBE FLEX ARMORED



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The NEXCONEC® Outdoor Flex Armored Preterms are made of single loose tube, which consists of 12 (250µm) optical fibers, aramid strength member in the steel armored helical tube and surrounded with metal braiding, Kevlar and PU outer jacket for high crush resistance in the outdoor applications.

These outdoor preterm 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
- ✓ 900µm 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

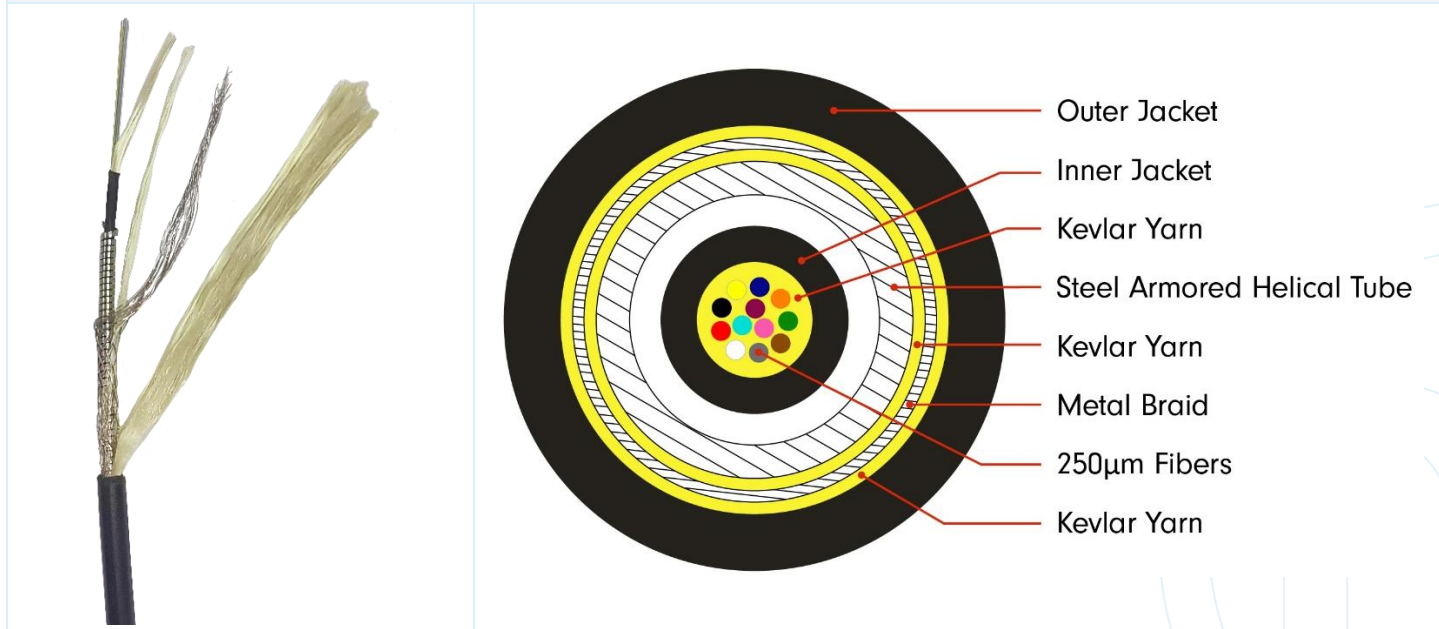
Parameter	Unit	Value
Fiber Count		12F
Number of Fibers per Tube		12
Number of Loose Tubes		1
Outer Jacket Diameter	mm	5±0.2
Inner Jacket Diameter	mm	2.0
Tail Diameter	mm	900µm or 2.0mm
Tensile Strength (Long Term)	N	200
Tensile Strength (Short Term)	N	600
Crush Resistance (Long Term)	N/100mm	500
Crush Resistance (Short Term)	N/100mm	1000
Min. Bending Radius	mm	10D (Static) / 20D (Dynamic)
Outer Jacket Material		PU (Black)
Inner Jacket Material		LSZH
Armoring		Steel Armored Helical Tube
Strength Member		Kevlar, Metal Braid
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

Single Loose Tube (SLT) Flex Armored



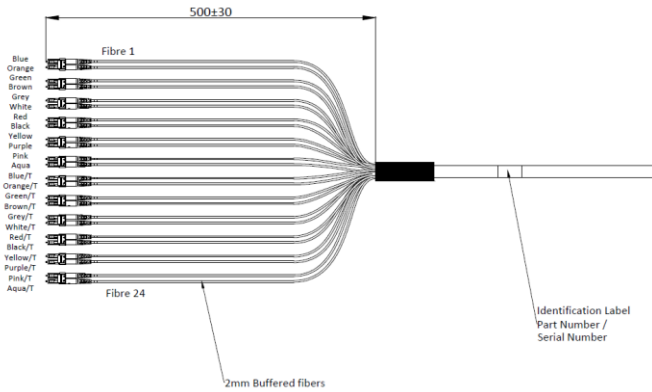
ORDER INFORMATION

Ask Sales for Order Details: sales@nexconec.com

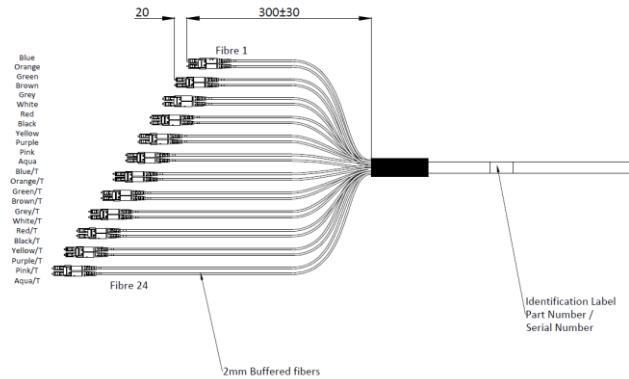
Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

CABLE TAIL CONFIGURATION OPTIONS

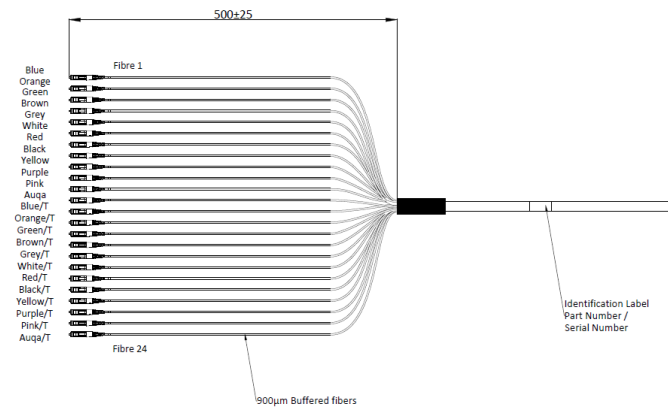
Fan-Out Ruggedized 2.0mm



Staggered Fan-Out Ruggedized 2.0mm



Fan-Out Buffered 0.9mm



Staggered Fan-Out Buffered 0.9mm

