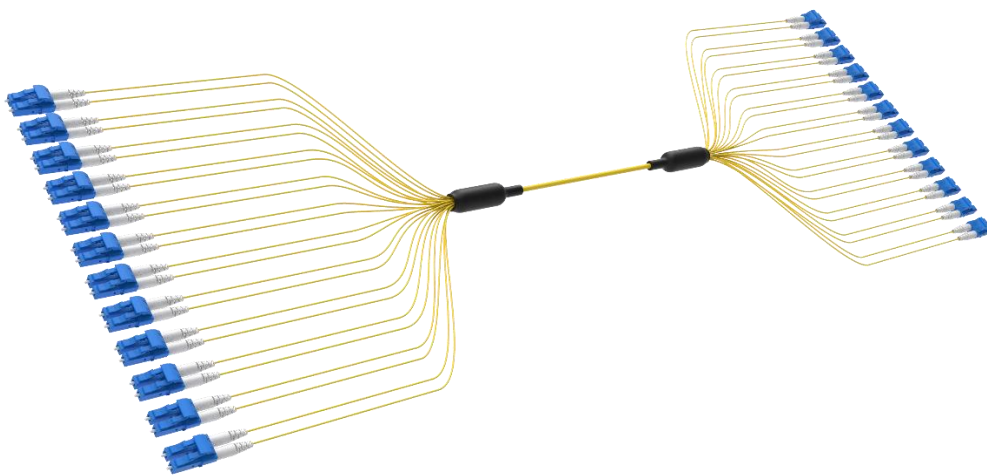


INDOOR PRETERMS MICRO CABLE (UP TO 144FO)



Browse on Mobile



Browse on Web

NEXCONEC® 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, 900µm 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
- ✓ 900µm 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

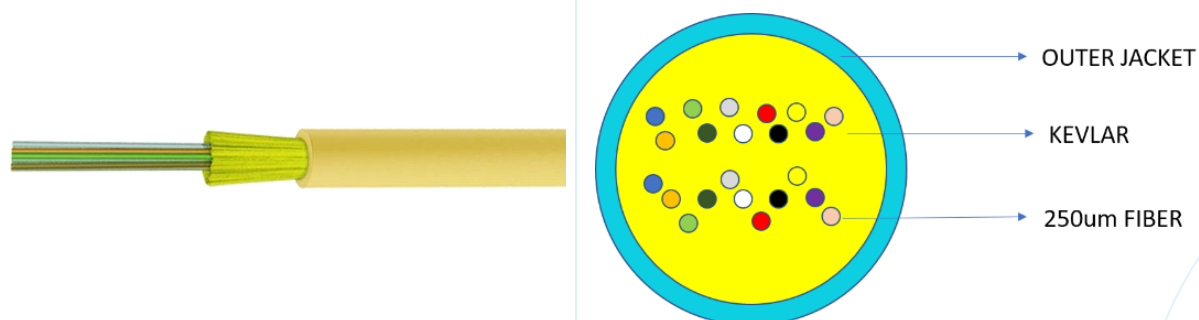
Parameter	Unit	Value						
Cable Jacket		Single	Double					
Fiber Count		12F	12F	24F	48F	72F	96F	144F
Number of Fibers per Tube		12	12	24	12	12	12	12
Number of Micro Tubes		1	1	1	4	6	8	12
Outer Diameter	mm	3.0	4.5	4.5	9.6	11.2	13.3	17.5
Tail Diameter	mm	900µm or 2.0mm						
Tensile Strength (Long Term)	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

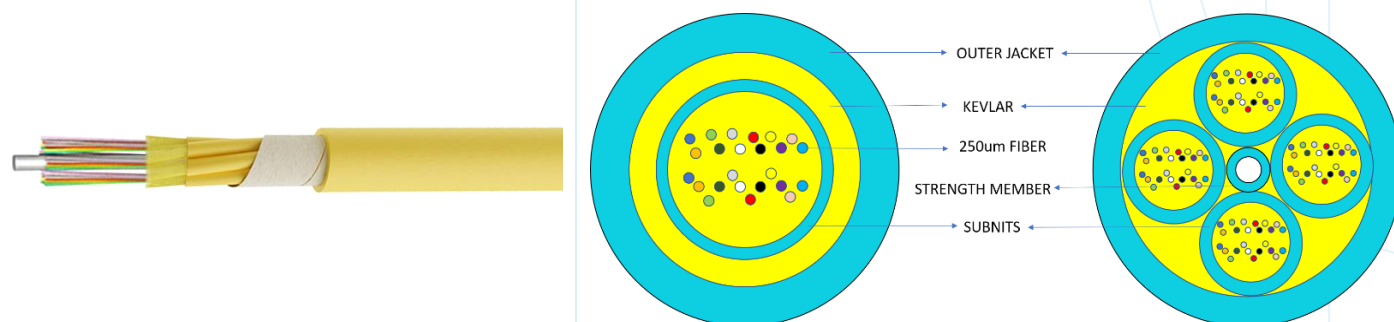
1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White
7	8	9	10	11	12
Red	Black	Yellow	Violet	Pink	Aqua

CABLE CONSTRUCTION DIAGRAM

Micro Cable - Single Jacket



Micro Cable – Double Jacket



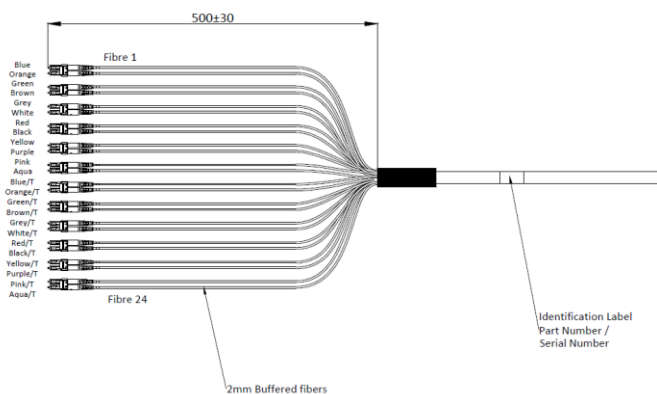
ORDER INFORMATION

Ask Sales for Order Details: sales@nexconec.com

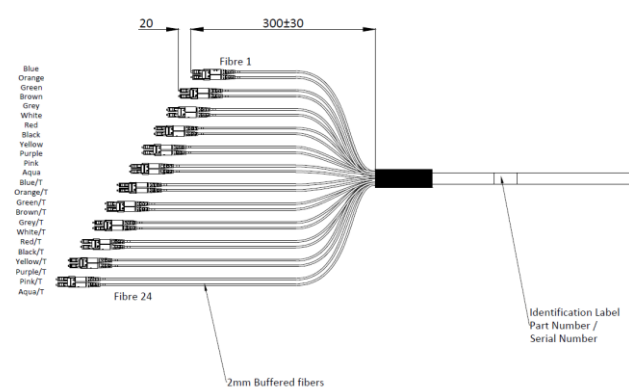
Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

CABLE TAIL CONFIGURATION OPTIONS

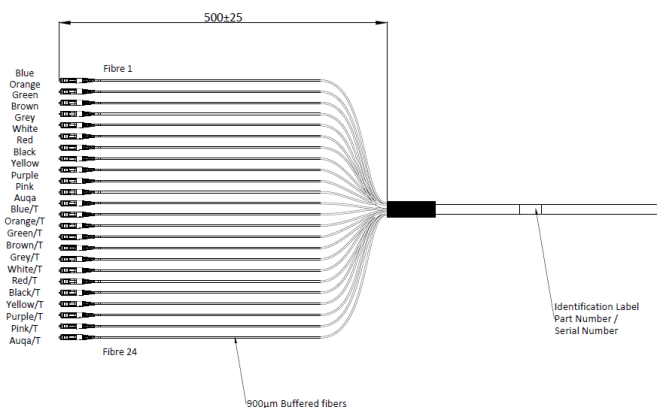
Fan-Out Ruggedized 2.0mm



Staggered Fan-Out Ruggedized 2.0mm



Fan-Out Buffered 0.9mm



Staggered Fan-Out Buffered 0.9mm

