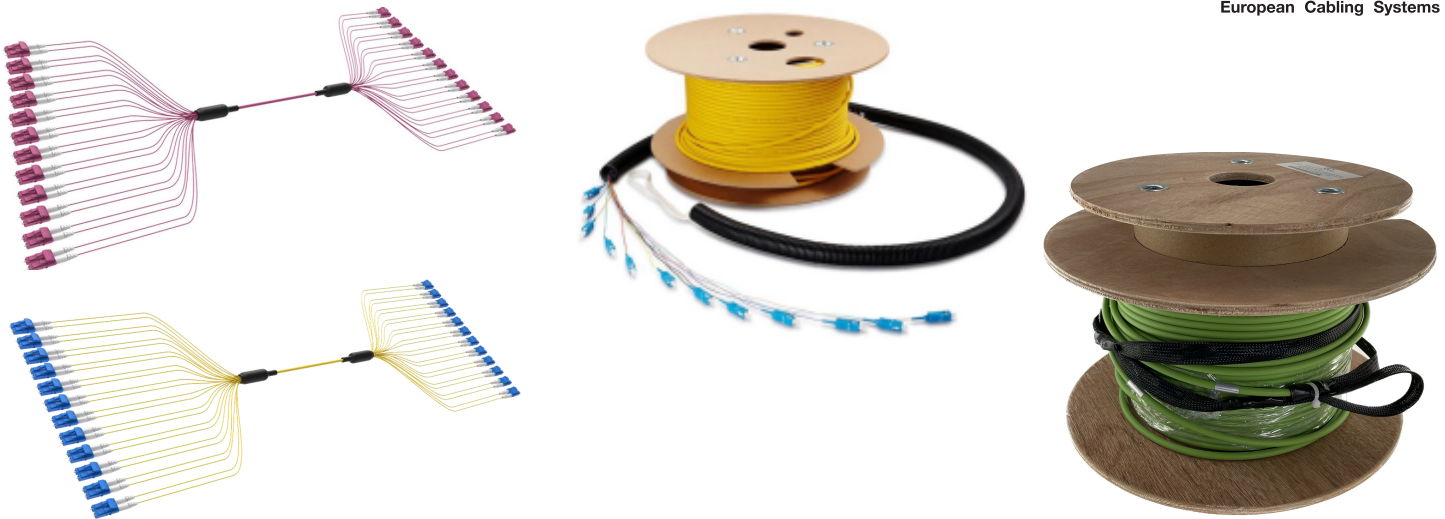


ECS INDOOR/OUTDOOR PRETERMS (UP TO 144FO)



ECS Indoor & Outdoor Preterms offers quick and cost-effective installation for interbuilding, LAN or Campus wide networks. Our outdoor preterms are available in loose tube, armored loose tube and Tight Buffer cable options with special designed modules to breakout individual fibers. Manufactured preterms with superior fiber cable performance to withstand indoor or outdoor harsh environment and high-quality connectors, which offers improved link loss budgets.

FEATURES

- ✓ 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
- ✓ Pulling system optional
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant
- ✓ 900µm or 2mm ruggedized tails
- ✓ CPR classes certified on demand

APPLICATIONS

- ✓ Telecommunication networks
- ✓ LAN or Campus wide Network
- ✓ Internal/External Application
- ✓ Conduit/Direct buried with steel tape armored version available
- ✓ Supports up to 100G applications
- ✓ Indoor & Outdoor Jacket Material

SINGLE FERRULE CONNECTOR SPECIFICATION

Parameters	IL – Max	IL – Typical	RL (UPC/APC)
MM – Premium	< 0.15 dB	< 0.08 dB	> 28 dB
SM – Premium	< 0.15 dB	< 0.12 dB	> 55/65 dB

CABLE CHARACTERISTICS

Cable Characteristics	Units						
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LOOSE TUBE

Fiber Count		up to 12	24	48	72	96	144
Outer Diameter (±0.3)	mm	6.8	6.8	10.5	11.1	12.6	15.6
Tensile Strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N/10cm	1000	1000	1000	1000	1000	1000

INDOOR TIGHT BUFFER MICROCABLE

Cable Characteristics	Units	Value						
Fiber Count		12	12	24	48	72	96	144
Outer Diameter	mm	3.0	4.5	4.5	9.6	11.2	13.3	17.5
Tensile Strength (max/min)	N	200/60	400/150	400/150	600/200	1000/300	1000/300	1000/300
Crush	N/10cm	500	1000	1000	1000	1000	1000	1000

Cable/Tail Material LSZH

Strength Member Aramid Yarn

Operating Temperature °C -20 ~ +70

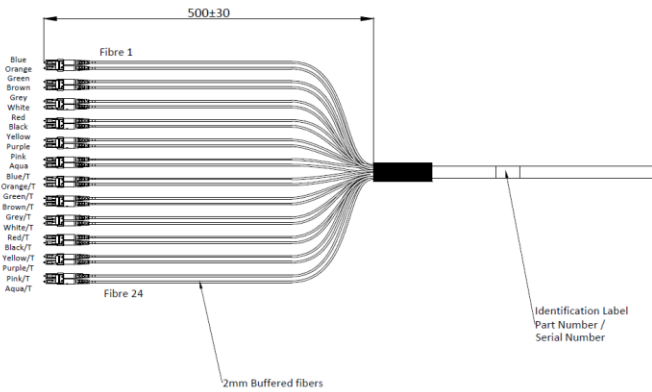
Tail Diameter 900µm or 2.0mm

Minimum Bending Radius mm 10D (installed)/20D (loaded)

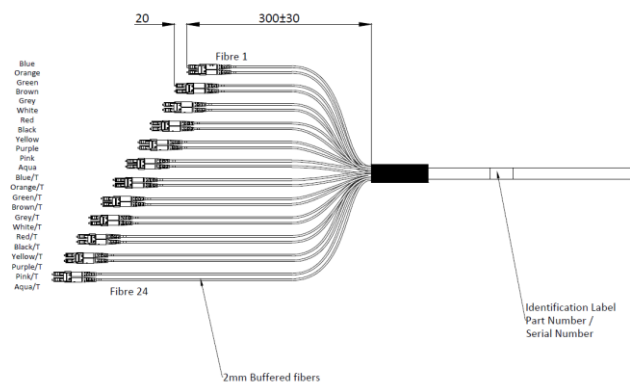
CPR Reaction to Fire Classification	Certified	Cca-s1a,d0,a1	B2ca-s1a,d0,a1	Cca-s1a,d0,a1	B2ca-s1a,d0,a1

CABLE TAIL CONFIGURATION OPTION

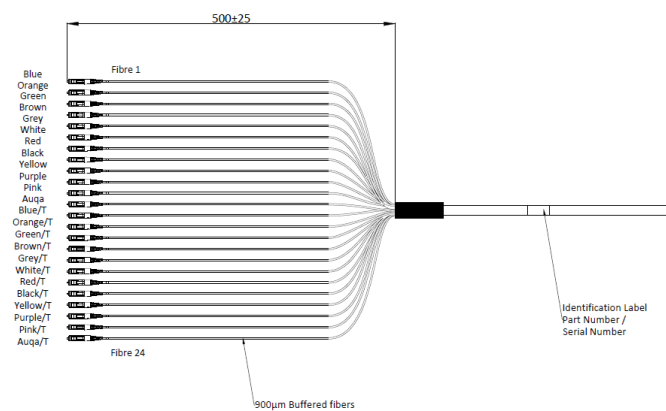
Fan-Out Ruggedized 2.0mm



Staggered Fan-Out Ruggedized 2.0mm



Fan-Out Buffered 0.9mm



Staggered Fan-Out Buffered 0.9mm

