

PRE-TERMINATED SOLUTIONS

Fibre Systems Pre-Terminated Cable Assemblies deliver custom, high-performance solutions for any fibre installation. With options like Indoor/Outdoor, Tactical Tight Buffered and Loose Tube, these assemblies suit both ISP and OSP environments. Pre-terminated cables minimise setup time and costs, making them ideal when fast installation is required or on-site terminations aren't possible.

FEATURES

- Available in a range of cable and fibre types for Indoor and Outdoor applications
- Machine polished connectors for consistent low loss performance
- Configurable options to suit installation requirements. Applications
- Structured cabling networks
- Intra building networks
- Data centre connectivity



PRE-TERMINATED SOLUTIONS

INDOOR / OUTDOOR PRE-TERMINATED ASSEMBLIES

Inter-rack and colocation connectivity is facilitated by Indoor/Outdoor Tight Buffered Cable Assemblies. These assemblies feature a LSZH outer jacket and 900µm tight buffered fibres, available in configurations ranging from 2 to 24 fibre counts. They can be terminated with either 900µm fibres or over-sleeved with 2 mm furcation tubing for enhanced protection. For outdoor installation, the cable includes dry water-blocking properties, making it suitable for use in protected external covered trays or conduits.

APPLICATIONS

- Structured cabling networks
- Intra-building networks
- Datacentre connectivity
- Conform to IEC, EIA-TIA, and Telecordia performance requirements
- S008 Compliant
- Available in standard Single-mode and Multimode fibre options
- Available in LC, SC, FC, ST in both UPC/APC and other connector types
- Available with our standard pulling system
- Pre-terminated cables offer rapid installation
- Pre-terms are supplied with 900µm and 2mm furcation.
- Various connector options are available
- Optional pulling socks and mechanical protection op
- Can be supplied with cable glands
- Custom labelling on trunks for easy identification
- Mechanical protection at furcation point to eliminate microbends
- RoHS, REACH & SvHC compliant, Materials Conflict compliant



FEATURES

- Available in a range of cable and fibre types for Indoor and Outdoor applications
- Machine polished connectors for consistent low loss performance
- Configurable options to suit installation requirements

PRE-TERMINATED SOLUTIONS

MINI LOOSE TUBE PRE-TERMINATED ASSEMBLIES

Fibre Systems supplies high quality pre-terminated Mini loose tube cables, produced in-house for fast turnaround and flexible solutions. Cables are custom-made to any length or connector type, with each end protected by a purpose-built loose tube fanout kit.



FEATURES

- Pre-terminated cables offer rapid installation
- All pre-terminated trunks are 100% tested
- Pre-terms are supplied with 900µm, 2mm and 3mm furcation
- Various connector options are available
- Optional pulling socks and mechanical protection op
- Can be supplied with cable glands
- Custom labelling on trunks for easy identification
- Mechanical protection at furcation point to eliminate microbends

Standards





GOVERNING BODY	STANDARD	PART
Telcordia	GR-326 GR-20-CORE	Connectors/Cable
EIA/TIA		Loose Tube Cable
UL	1667 OFNR	Riser Cable/Loose Tube
REA/RUS	PE-90	Loose Tube Cable

PRE-TERMINATED SOLUTIONS

Temperature

	I/O RISER CABLE	LOOSE TUBE
Operating	-20°C to +60°C	-10°C to +70°C
Storage	-20°C to +60°C	-0°C to +70°C
Installation	-20°C to +60°C	-20°C to +50°C

Cable Protection Guide

DESCRIPTION	MATERIAL	APPLICATION	
Standard Packaging	Plastic clear sleeve	Packaging protection recommended for shipping, supplied as a minimum for all pre-terminated trunks	
Light Duty Protection	PVC, nylon expanded braid, fixed with Tape to cable jacket	Handling of Connector ends, easy to remove and install into sub-rack	
Medium Duty Protection	PVC, black conduit, 40mm fitted with Expando over conduit, and pulling eye, taped into position	Designed for laying in cable tray and hauling through conduit for small runs	
Heavy Duty Protection	PVC, Clear hose, re-inforced with wire to allow easy inspection of connectors fitted with cable Gland on cable Sheath	Designed for heavy duty hauling and Field Deployment can be re-used to store deployable connectivity	
IP67 Protection	PVC, Black Conduit 40mm fitted with Cable Gland and hauling eye, IP67 Rated	Pulling Mech is designed for environmental and mechanical protection for connectors ends. Connectors are staggered to allow hauling through penetrations 45mm OD.	