Pre-Terminated Trunk Cable

Overview

w-Ignite™ Pre-Terminated Trunk Cables provide high-performance, factory-tested connectivity for fast, reliable deployments. Each assembly uses components sourced from a single qualified manufacturing process, ensuring precise mateability, low loss, and verified optical performance.

This unified design guarantees maximum reliability and simplified installation, with every trunk assembly meeting Wave2Wave's strict quality standards. Available in a wide range of configurations, w-Ignite™ trunk cables offer custom lengths, labeling, and connector options to fit any network architecture or environment.

Each assembly can be custom-labeled and packaged for project-specific needs, improving organization and reducing setup time and cost. Factory labeling supports custom barcoding or numbering schemes for easy identification and documentation. With fast turnaround and competitive pricing, Wave2Wave delivers efficient, scalable cabling solutions ready for future growth.





LC Connector



Serial Number

Features & Benefits

- 100% factory-tested with attached performance data
- Low Return Loss (RL) and Low Insertion Loss (IL)
- Connector options: LC, SC, ST, FC
- Polish types: PC, UPC, and APC
- Fiber types: Single-Mode and Multimode (OM1–OM4)
- Cable types: Riser or Plenum with low-profile 2mm jacket
- Barcode and serialized labeling for project-specific traceability
- Quick installation with plug-and-play design
- Fully customizable with rapid turnaround

Applications

- Storage Area Networks (SAN)
- Data Centers and Telecommunications Rooms
- FTTH and Broadband Networks
- CATV and Security Surveillance Systems
- Multimedia and Enterprise IT Networks
- Test Labs, Campuses, and Healthcare Facilities

Performance Specifications			
Fiber Type	**SM**		**MM**
Polishing	UPC	APC	PC
Insertion Loss	< 0.3dB	< 0.5dB	< 0.3 dB
Return Loss	≥ 50dB	≥ 60dB	≥ 25dB
Durability	> 1000 Matings		> 1000 Matings
Core Diameter	9/125 µm		50/125 µm or 62.5/125 µm
Operating Temperature	-40 ºC to 80 ºC		

Note: Specifications subjected to changes due to customization

Product Selection

Part Number: AB-CDEFg-XXFT

AB	C	DE	F	g (optional)	XX
31 (LC) 33 (SC) 34 (FC) 40 (ST)	1 (MM50/125) 2 (MM62.5/125) 3 (SMF 9/125) 4 (OM3 50/125) 9 (OM4 50/125)	01 02 12 24 48	0 (PC) 1 (UPC) 2 (APC)	P (Plenum) m (2mm jacket)	Length (Meters)

Standards Compliance

- Telcorida GR-326-CORE
- TIA/EIA-568B-B.3 Fiber Optic Cabling Components Standard
- IEEE802.3z Standards for Fiber Optic Cabling
- RoHS Approved for European Market Requirements

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