WAVE2WAVE.io
Cabling, Power, Connectivity - Simplified

Slack ZERO™ Pre-Terminated Trunk Cable

Overview

The Wave2Wave Slack ZERO™ Pre-Terminated Trunk Cable is designed to deliver precise, reliable fiber connectivity between access and infrastructure racks. Built around a patented slack-elimination mechanism, Slack ZERO™ provides exactly the length required for each deployment, removing excess slack and ensuring cleaner, more organized installations. Inside the compact enclosure, an additional 10–20 feet of fiber is stored to support proper cable dressing, with the extra length clearly labeled in 12-inch increments to help technicians make accurate adjustments on-site.



Lightweight and fully magnetized, the Slack ZERO™ unit can mount on any metal surface—including the top, side, or interior of a rack—giving users flexible placement options in high-density environments. Each cable is factory-terminated and tested, ensuring dependable optical performance immediately out of the box. Designed for fast installs, predictable routing, and consistent field results, Slack ZERO™ offers a streamlined, cost-effective solution for both structured cabling and dynamic test environments.



Features & Benefits

- Built-in extra cabling for clean, precise routing with zero slack
- 12-inch incremental labeling for exact length adjustments
- Magnetized enclosure for flexible placement on any metal surface
- Low IL/RL optical performance for high-quality links
- Factory-terminated and individually tested for reliability
- Ready for immediate on-site installation
- Connector options: MTP®, LC, SC, ST, FC
- Polish types: PC, UPC, APC
- Fiber types: OM1–OM4 multimode, single-mode
- Cable types: Riser, Plenum, LSZH
- Cost-effective structured cabling solution

Applications

- Engineering validation and qualification
- Data center connectivity
- Engineering test labs
- Telecommunications environments
- SAN and storage networks
- CATV and security surveillance
- Multimedia and AV applications
- University and hospital networks
- Enterprise IT infrastructure

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The Slack ZERO™ trunk cables are labeled to identify the Rack #, U #, and Port # of both the access and infrastructure racks. The labels appear every 2 feet to help facilitate installation and maintenance.

LC Performance Specifications			
Fiber Type	SM		MM
Polishing	UPC	APC	PC
Insertion Loss	< 0.3dB	< 0.5dB	< 0.3dB
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		

MPO Performance Specifications			
	SM	SM (Elite)	MM
Maximum Insertion Loss (dB)	0.75	0.35	0.50
Typical Insertion (dB)	0.20	0.10	0.20
Back Reflection (dB)	≥ 55	≥ 55	≥ 20