



Pre-Configured Infinium Fiber Patch Cords are built to exceed industry standards for quality, performance, insertion and return loss. Available in three performance tiers Infinium Quantum, Infinium Ultra, and Infinium Core. Each tier is available in Single-mode and Multimode. The most common configurations are setup for easy selection and purchase.

Features & Benefits

Standard Loss System Integration: Designed to work as part of the Core Standard Loss System when paired with Core trunks and cassettes, helping maintain predictable, end-to-end multimode channel performance.

Factory-Tested Patch Cord Assemblies: Each patch cord is tested to a standard insertion loss of ≤ 0.50 dB, reducing performance variability and minimizing the need for troubleshooting in the field.

Flexible Polarity Design (A-B): Designed to pair with Universal Polarity Cassettes and support reconfiguration, reducing polarity errors and installation time.

Plenum-Rated 2mm Cable Construction: Suitable for installation in air-handling spaces and designed for durability and ease of handling during installation.

Optimized Multimode Channel Performance: Supports up to 2.5dB total channel connection loss and 16dB return loss, enabling reliable signal transmission in OM4 network environments.

Bulk Packaging for Deployment Efficiency: Bulk-pack configuration simplifies staging for large installations, reduces packaging waste, and supports faster, more organized deployments.

Bend-Insensitive OM4 Fiber: Improves routing flexibility in high-density pathways and tight bend scenarios while maintaining optical performance.

Connector Protection with Pre-Installed Dust Caps: Helps protect connector end faces during storage and installation, reducing the risk of contamination-related signal loss.

Specifications

General Info

Product Line	Ortronics	Color	Aqua
Country Of Origin	Mexico	Compliance	RoHS
Features	Reversible Polarity	Connector Color	Beige
Application Sector	Commercial, Data Center	Standard	TIA-568.3-E

Warranty Type	5-Year	Type	Fiber Patch Cord
Boot Color	Black		
Dimensions			
Product Length US	13.0 FT	Cable Length	13 ft
Technical Information			
Fiber Optic Cable Type	OM4	Jacket Material	PVC (Polyvinyl Chloride)
Operating Temperature Min	14 °F	Storage Humidity	15-85% RH (Non-Condensing)
Jacket Application	Plenum Rated	Bend Radius	1.28 in
Simplex/Duplex	Duplex	Operating Temperature Max	122 °F
Cable Type	Fiber Optic	Jacket Rating	FT6 Rated, OFNP Rated
Cable Diameter	2 mm	Return Loss	40 dB
Single/Multimode	Multimode	Number of Fibers	2
Connector 2	LC Male	Connector 1	LC Male
Ferrule Diameter	1.25 mm	Performance Level/Tier	Core
Operating Temperature	-10°-50°C, 14°-122°F	Operating Humidity	0-90% RH (Non-Condensing)
Fiber Size	50/125	Typical Insertion Loss	0.1 dB
Storage Temperature	5° - 140° F		