WAVE2WAVE.io
Cabling, Power, Connectivity - Simplified

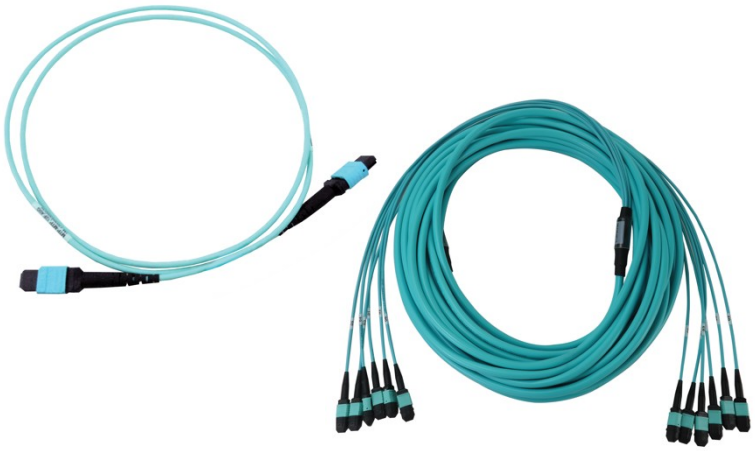
w-Ignite™

16F/32F MPO Fiber Cable

Overview

The Wave2Wave 16F/32F MPO Fiber Cable delivers high-density optical connectivity for data centers and backbone networks, consolidating 16 or 32 fibers into a compact MPO interface. This design reduces cable clutter, streamlines management, and accelerates deployment in space-limited environments.

Factory-terminated and tested for low IL/RL performance, the cable supports both single-mode and multimode applications with reliable optical stability. With multiple jacket options, color-coded housings, and plenum-rated variants, it integrates smoothly into modern high-density infrastructures while ensuring clear identification and long-term durability.





16 Fiber MPO



32 Fiber MPO

Features & Benefits

- Low IL/RL performance, factory-terminated and tested
- High-density MPO design consolidates up to 32 fibers
- Precision guide pins ensure accurate alignment
- Push/pull mechanism speeds installation in tight spaces
- Clear labeling for easy routing and traceability
- Color-coded housings for quick SM/MM identification
- Plenum-rated jacket and custom configurations available

Applications

- Data center interconnects
- High-density cross-connect systems
- Backbone and structured cabling
- Telecom and carrier networks
- Enterprise and campus environments
- Equipment rooms and optical panels
- Test labs and development facilities

Optical Performance Specifications

		MM Elite (850 & 1300nm)	MM (850 & 1300nm)	SM Elite (APC) (1310 & 1550nm)	SM (APC) (1310 & 1550nm)
Insertion Loss (dB)	Typical	0.10	0.20	0.10	0.25
	Max	0.35	0.60	0.35	0.70
Return Loss (dB)	Max	-20	-20	-55	-55

Product Selection

Part Number: AB-CDEFg-XXM

AB	C	DE	F	g (optional)	LB
50G (16F) 50T (32F)	3 (SMF) 4 (OM3) 8 (OM4) 9 (OM5)	16 32	0 (PC) 1 (UPC) 2 (APC)	P (Plenum) m (2.0mm jacket) L (LSZH)	Length (Meters)

Standards Compliance

- Telcordia GR-1435-CORE.
- TIA/EIA-568B.
- IEC-61754-7.
- RoHS.

RoHS