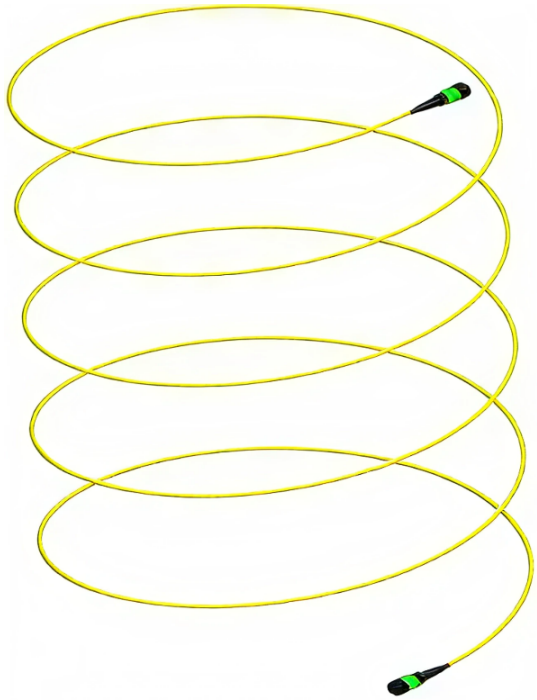
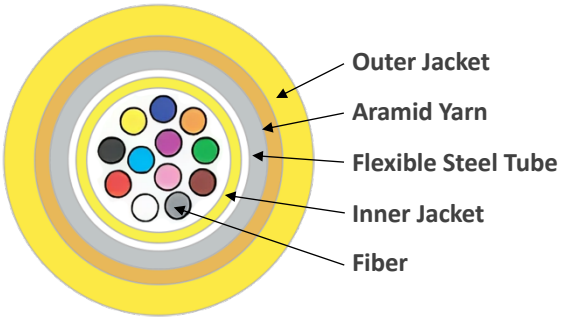
Zero Memory Patch Cords

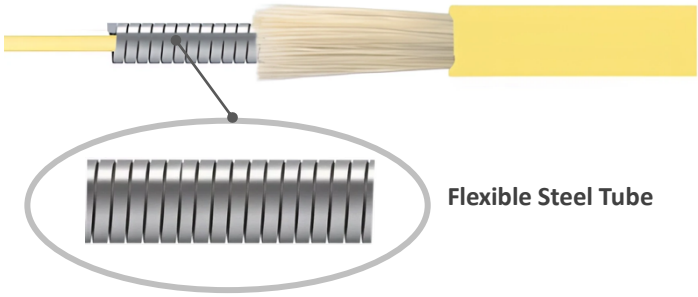
Overview

Wave2Wave Zero Memory Patch Cords are engineered for demanding environments where durability, flexibility, and optical integrity are critical. Built with a flexible stainless-steel tube, these assemblies protect fibers far better than standard patch cords, ensuring stable performance in areas exposed to dust, oil, gas, moisture, or mechanical stress.

Available with a full range of connectors—including **LC, SC, ST, FC**, and **MPO**—these cables support mix-and-match configurations for seamless integration into any network architecture.







Features & Benefits

- Zero-memory design with flexible steel tubing for superior fiber protection in harsh environment
- Strong tensile durability extends service life in high-stress installation
- Low insertion loss and high return loss ensure stable optical performance
- Lightweight, compact construction simplifies routing and management
- Supports LC, SC, ST, FC, and MPO connectors across customizable configurations

Application

- Data center networking
- High-density cross-connects
- Backbone and telecom installations
- Enterprise and premise networks
- Test labs and engineering facilities
- Equipment rooms and controlled-environments

Optical Performance Specification

Fiber Type		SM		MM
Polishing		UPC	APC	PC
Insertion Loss	MPO	/	< 0.7 dB	< 0.35 dB
	LC	< 0.3 dB	< 0.3 dB	< 0.2 dB
Return Loss	MPO	/	≥ 55 dB	≥ 25 dB
	LC	≥ 50 dB	≥ 60 dB	≥ 35 dB
Durability Matings		> 1000 Matings		> 1000 Matings
Core Diameter		9/125 µm		50/125 µm or 62.5/125 µm
Operating Temperature		-20ºC to +60ºC		
Compression Resistant Strength		≥ 3000N/100mm		
Minimal Bending Radius		≥ 30D		

Note: Specifications subjected to changes due to customization.

Product Selection

Part Number: AB-CDEFgH-XXM

AB	C	DE	F	g (optional)	H	XX
31 (LC-LC)	3 (SMF)	02	0 (PC)	P (Plenum)	Zero memory Fiber Cable	Length (Meters)
33 (SC-SC)	4 (OM3)	12	1 (UPC)	L (LSZH)		
34 (ST-ST)	8 (OM4)		2 (APC)			
40 (FC-FC)						
50 (MPO-MPO)						

Standards Compliance

- Telcorida GR-326-CORE
- Telcorida GR-1435-CORE
- TIA/EIA-568B
- RoHS

1017 El Camino Real, Unit 448 Redwood City CA 94063 | info@wave2wave.io | +1 (866) 473-2701 | wave2wave.io
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