

Patch cord – MPO/MTP



Overview

The patchcord cable are simplex multi-fiber Cable using the MPO / MTP connector in fiber counts of 4, 8, 12, 24 or 48. They offer Male and Female MPO / MTP connectors on each end. Available in 4~48 fibers versions as well as multi-mode (62.5/125, 10G OM2 / OM3 / OM4, Bend-insensitive fiber, etc.) and single-mode (G652D, G657A1 etc.) fiber types.

Features

- ◆ It is performance met with GR-326-CORE
- ◆ MPO / MTP connector interface patchcord.
- ◆ Choices of different cable structure to cater for different installation needs.
- ◆ Available in 4/8/12/24/48 cable fibers from round or ribbon optical cable.
- ◆ Improves and simplifies fiber routing, decreases fiber management space.
- ◆ Comply with IEC 61754-7, GR-1435-CORE, RoHS.

Applications

- ◆ For installation in horizontal patch extension from consolidation point to the workstation outlets.
- ◆ High Density Fiber Management.
- ◆ Telecommunications networks and Broadband / CATV networks.
- ◆ DACS.
- ◆ LAN/WAN Premises

Technical Specification

Type	Single-mode (APC polish)		Single-mode (PC polish)		Multi-mode (PC polish)	
Fiber count	4,8,12, 24 ,48 etc.		4,8,12, 24,48 etc.		4,8,12, 24,48 etc.	
Fiber type	G652D,G657A1, etc.		G652D,G657A1, etc.		62.5/125,OM2,OM3,OM4, etc.	
Maximum Insertion Loss	Elite / Low Loss	Standard	Elite / Low Loss	Standard	Elite / Low Loss	Standard
	≤0.35 dB 0.25 dB Typical	≤0.70 dB 0.5 dB Typical	≤0.35 dB 0.25 dB Typical	≤0.70 dB 0.5 dB Typical	≤0.35 dB 0.2 dB Typical	≤0.5 dB 0.35 dB Typical
Return Loss	≥55 dB		≥45 dB		≥20 dB	
Durability	≥200 times		≥200 times		≥200 times	
Test Wavelength	1310nm / 1550nm		1310nm / 1550nm		850nm / 1300nm	

** 48F MPO/MTP Multi-mode IL ≤1.0 dB, RL ≥20 dB

Datasheet

Assembly drawing



Length	Tolerance
$0 \leq L < 1M$	+50/-0 mm
$1M \leq L < 10M$	+100/-0 mm
$10M \leq L$	+1% L/-0

Figure1. Assembly drawing

Notes: All MPO/MTP cable assemblies in this document are having Straight Polarity (Type A). Cross Polarity (Type B) or Pair Flip polarity (Type C) is available.

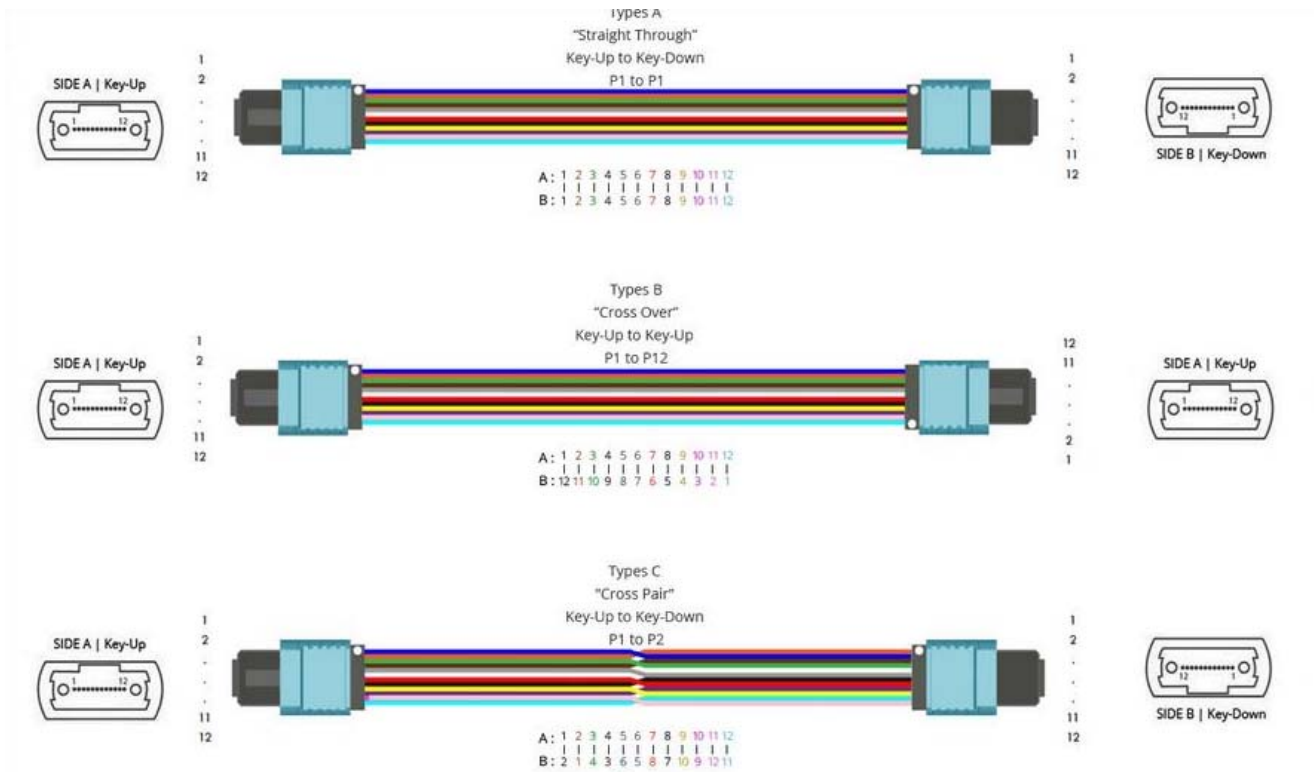


Figure2. Type A/B/C

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