

PATCHCORD MPO / MTP[®]

Patchords based on round cables (3.0mm) and flat cables (3.1mm x 0.3mm) are ideal for inside building installations, particularly in the Data Centers. They allow better organization of space inside the server cabinets. MPO/MTP[®] connectors are highly flexible and has small size.



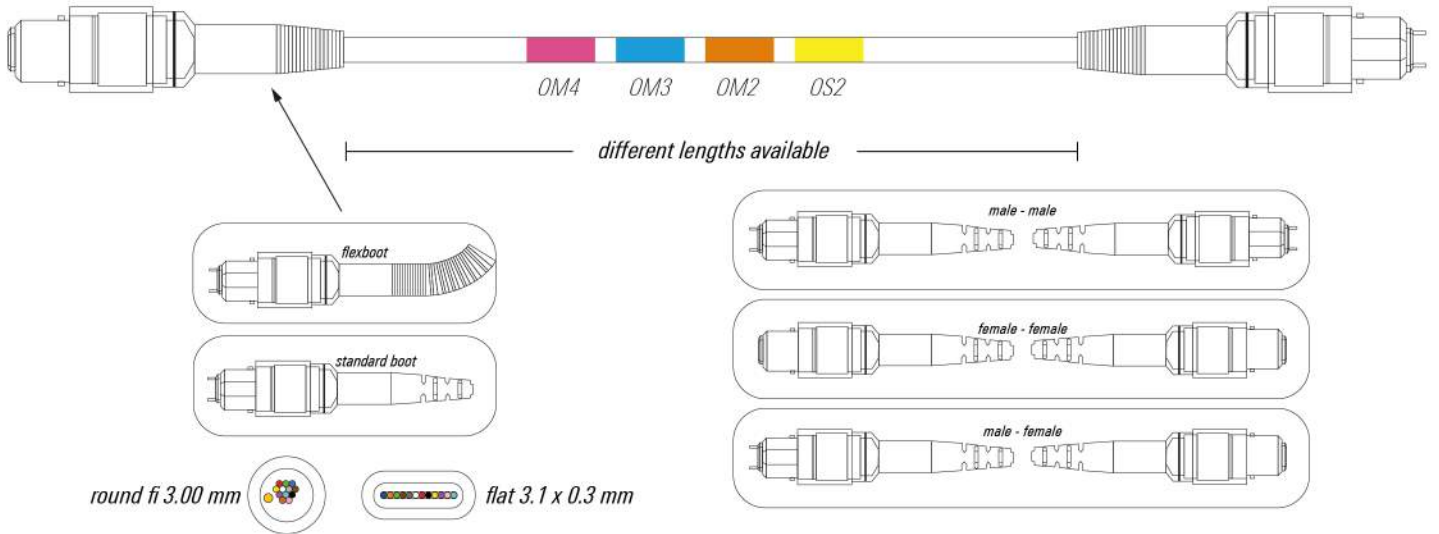
MPO/MTP[®] PATCHCORDS FEATURES:

- ▶ 12 fibers in a single connector (24 on request)
- ▶ Push-pull connectors eliminates the risk of damaging the ferrule during the connection
- ▶ 3 versions of connector PIN configuration: female-female, male-male, male-female
- ▶ The MPO-MPO Pre-Term links 2 MPO cassettes installed in the Plug&Play patch panels in 2 different cabinets
- ▶ Thin, very flexible fibre-optic patch cable (round cable, Ø 3.0 mm and flat cable, 3.1mm x 0.3mm) with 12 fibres
- ▶ Available fiber OS2, OM2, OM3 and OM4
- ▶ LSOH coating
- ▶ Different lengths and colour available
- ▶ Sticker labelling at both cable ends (optional)
- ▶ Polarisation version A, B, C

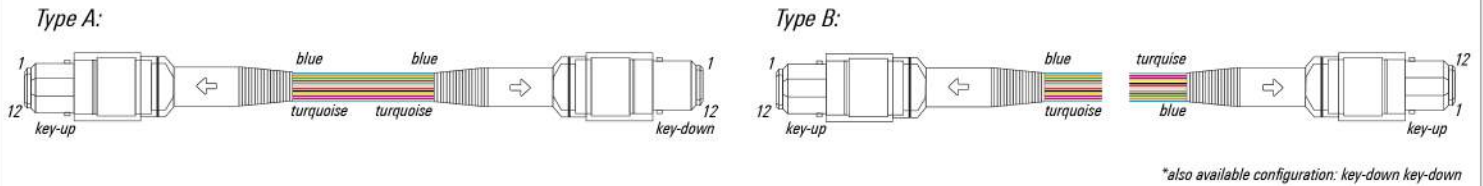
TECHNICAL PARAMETERS OF MPO/MTP[®] CONNECTORS

Polishing Connector	MPO Female (SM) STANDARD	MPO Female (MM) STANDARD		
Insertion Loss (IL)	< 0.50 dB	< 0.50 dB		
Return Loss (RL)	> 50dB	> 25dB		
Mating Cycles Delta IL	< 0.2 dB after 500 mating cycles			
Fiber Cable Type	G652D or G657A	OM2, OM3 OM4		
Cable Color	OS2	OM2	OM3	OM4
Cable	round cable, Ø 3.0 mm and flat cable, 3.1mm x 0.3mm			
Cable Pull-out Force	100N (flat), 110N (round)			
Operating Temperature	-20°C~+70°C			
Storage Temperature	-40°C~+80°C			

ORDERING INFORMATION FOR PATCHCORD & PIGTAIL MPO/MTP®



CONFIGURATION OF MPO-MPO PATCHCORDS - STANDARD OF POLARIZATION MODES



EXAMPLE ORDERING CODE

PTCH-12-7-P-MPOMPO-10-FF-A-P	patchcord single mode 12 fibers on flat cable 3,1 x 0,3 mm with G657.A1 9/125um fiber, MPO on MPO, 10 meters, female – female with configuration type A, Premium
PTCH-12-3-O-MPOMPO-15-FM-B-N	patchcord multi mode 12 fibers on round cable 3,0mm with OM3 50/125um fiber , MPO on MPO, 15 meters, female – male with configuration type B, Standard
PTCH-12-4-R-MPOMPO-01-MM-C-T	patchcord multi mode 12 fibers on ribbon tape with OM4 50/125um fiber, MPO on MPO, 1 meter, male – male with configuration type C, Telecom
PTCH-12-4-P-MPOMPO-11-MM-A-P	patchcord multi mode 12 fibers on flat cable 3,1 x 0,3 mm with OM4 50/125um fibers, MPO on MPO, 11 meters, male – male with configuration type A, Premium

ORDERING INFORMATION

Type	Fibers quantity	Fiber type	Type of cable	CON	Length	Type of connector	Polarity configuration	Producer/Premium/Standard ⁽¹⁾	Boots
PTCH – patchcord PGT – pigtail	12 – fibers quantity in MPO connector 24 – fibers quantity in MPO connector	9 – SM G652D 7 – SM G657.A1 6 – SM G657.A2 8 – SM G657.A2/B2 5 – SM G.655 1 – MM OM1 (62,5) 2 – MM OM2 (50) 3 – MM OM3 (50) 4 – MM OM4 (50)	P – flat cable dimensions: 3,1 x 03mm O – round cable diameter: 3,0mm	MPOMPO – both MPO connectors	01 – 1 meter 02 – 2 meters 02,5 – 2,5 meters - - - different lengths available	FF – female – female MM – male – male FM – female – male	A – patchcord with polarity type A B – patchcord with polarity type B C – patchcord with polarity type C	N – standard made by Cellco P – premium made by Cellco T – Telcom produced by supplier. (1) values declared by QLT	Q – Standard boot X – Flexboot S – Shortboot