



MPO/MTP Y-Branch Cables

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Features:

- 8, 12, 24 fibre MPO/MTP Y-branch patchcords
- Branching 24-fibre MPO/MTP to 2 x 12-fibre MPO/MTP or 3 x 8-fibre MPO/MTP
- Male connectors (with guide-pins), female connectors (without guide-pins)
- Type A, Type B, Type C polarities. Custom configurations available upon request
- SM fibres (G.652D or G.657A2) and MM fibres (OM3 or OM4)
- Ferrule endface angle 8° (APC) or 0° (PC)
- LSZH cable jackets
- Standard lengths: 1 m, 2m, 5 m. Custom lengths available

Technical Specifications:

SM Connectors	MPO PC	MPO PC PREMIUM	MPO APC	MPO APC PREMIUM
Ferrule Endface Angle	0°	0°	8°	8°
Insertion Loss IL [dB]	≤0,7	≤0,35	≤0,7	≤0,35
Return Loss RL [dB]	≥55		≥65	
Durability (1000 mate/demate cycles)	IL change <0.2 dB			
Operating temperature [°C]	from - 40 to +75			
Storage temperature [°C]	from - 40 to +85			
Connector body colour	yellow		green	

MM Connector	MPO PC OM3	MPO PC OM3 PREMIUM	MPO PC OM4	MPO PC OM4 PREMIUM
Ferrule Endface Angle	0°	0°	0°	0°
Insertion Loss IL [dB]	≤0,7	≤0,35	≤0,7	≤0,35
Return Loss RL [dB]	≥30			
Durability (1000 mate/demate cycles)	IL change <0.2 dB			
Operating temperature [°C]	from - 40 to +75			
Storage temperature [°C]	from - 40 to +85			
Connector body colour	turquoise		violet	

SM Connectors	MTP APC	MTP APC PREMIUM
Ferrule Endface Angle	8°	8°
Insertion Loss IL [dB]	≤0,75	≤0,35
Return Loss RL [dB]	≥60	
Durability (1000 mate/demate cycles)	IL change <0.2 dB	
Operating temperature [°C]	from - 10 to +70	
Storage temperature [°C]	from - 40 to +85	
Connector body colour	yellow	green

MM Connectors	MTP PC OM3	MTP PC OM3 PREMIUM	MTP PC OM4	MTP PC OM4 PREMIUM
Ferrule Endface Angle	0°	0°	0°	0°
Insertion Loss IL [dB]	≤0,6	≤0,35	≤0,6	≤0,35
Return Loss RL [dB]	≥20			
Durability (1000 mate/demate cycles)	IL change <0.2 dB			
Operating temperature [°C]	from - 10 to +70			
Storage temperature [°C]	from - 40 to +85			
Connector body colour	turquoise		violet	