

# MPO/MTP Connectors and Adapters

## Features:

- 8, 12, 24 fibre MPO/MTP connectors
- Male version (with guide-pins), female version (without guide-pins)
- SM fibres (G.652D or G.657A2) and MM fibres (OM3 or OM4)
- Ferrule endface angle 8° (APC) or 0° (PC)
- Different cable diameters and polarity types

## 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	



Multifibre connectors and adapters