

Fibre Breakout Cable MPO/MTP to LC or SC 0.9 mm Buffered Fibre Bundle

Features:

- 8, 12, 24 Fibre Breakout Cable MPO/MTP to LC or SC simplex connectors
- LC or SC breakout connectors
- Male connectors (with guide-pins), female connectors (without guide-pins))
- SM fibres (G.652D or G.657A2) and MM fibres (OM3 or OM4)
- Ferrule endface angle 8° (APC) or 0° (PC)
- 0.9 mm buffered fibre LSZH leads
- Standard lengths: 35 cm, 45 cm, 55 cm, 65 cm, 85 cm. 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	SM LC/PC	SM SC/APC
Ferrule Endface Angle	0°	8°
Insertion Loss IL [dB]	0,2	0,15
Return Loss RL [dB]	≥55	≥65
Durability	1000 mate/demate cycles	
Operating temperature [°C]	from - 40 to +85	
Ferrule diameter [mm]	1,5	2,5

MM Connectors	MM LC/PC	MM SC/PC
Ferrule Endface Angle	0°	0°
Insertion Loss IL [dB]	0,2	
Return Loss RL [dB]	≥50	≥40
Durability	1000 mate/demate cycles	
Operating temperature [°C]	from - 40 to +85	
Ferrule diameter [mm]	1,5	2,5

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	