

# Connector Performance Specifications

	12 Fibre				24 Fibre	48 Fibre
						
	MTP® Elite® Singlemode MT Ferrule	Standard Singlemode MT Ferrule	MTP® Elite® Multimode MT Ferrule	Standard Multimode MT Ferrule	MTP® Elite® Multimode MT Ferrule	MTP® Multimode MT Ferrule
Insertion Loss	<b>BEST IN CLASS</b>		<b>BEST IN CLASS</b>			
	<b>0.10dB Typical</b> <b>0.35dB Max</b>	<b>0.25dB Typical</b> <b>0.75dB Max</b>	<b>0.10dB Typical</b> <b>0.35dB Max</b>	<b>0.20dB Typical</b> <b>0.60dB Max</b>	<b>0.20dB Typical</b> <b>0.60dB Max</b>	
Return Loss	>55dB (Angle Polish)	>55dB (Angle Polish)	>20dB	>20dB	>20dB	
Operational Temp	- 40°C to + 70°C	- 40°C to + 70°C	- 40°C to + 70°C	- 40°C to + 70°C	- 40°C to + 70°C	

## Why high quality MTP® matters

In high end data centre application quality of connectors matters! Power budget in high performance networks like 8/10Gbps Fibre Channel or 10Gbps Ethernet must be carefully controlled. In 300mtr OM3 channel total connection losses must be lower than 1.5dB! High quality low loss MTP® connectors are the only choice for high end application.

