

12 Fiber MTP Patchcord OM5



12-Fiber MTP Patchcord OM5 is a pre-terminated fiber optic solution specifically designed for high-density, high-speed data center environments. It supports 40G/100G short-reach optical interconnects, offering low insertion loss and high bandwidth, making it ideal for future-proof, scalable high-speed network deployments.

Features

- ◆ US Connec MTP Elite connector with low insertion loss
- ◆ Low insertion loss
- ◆ Test data tracing available.
- ◆ ROHS compliant
- ◆ REACH compliant

Parameter

Type	Side A	Side B	MTP Connector Type	Fiber Type	Cable Type	Cable Color	Jacket
Elite	MTP/PC Female/Male	MTP/PC Female/Male	12/24 Fiber	OM3 OM4 OM5	12/24 Fiber 3.0mm	Aqua Violet Lime Green	LSZH
Elite	MTP/APC Female/Male	MTP/APC Female/Male	12/24 Fiber	G657A	12/24 Fiber 3.0mm	Yellow	LSZH

Type	Insertion Loss	Return loss
MTP/PC	$\leq 0.35\text{dB}$	$\geq 20\text{dB}$
	$\text{MTP/PC} \leq 0.35\text{dB} + (L - 50\text{M}) * 3\text{dB/km}$ ($L > 50\text{M}$)	$\geq 20\text{dB}$
MTP/APC	$\leq 0.35\text{dB}$	$\geq 65\text{dB}$