

144 Fiber MTP Trunk Cable



144 Fiber MTP Trunk Cable is a high-density, pre-terminated fiber optic solution designed for hyperscale data centers, AI computing centers, and backbone networks. It splits 144 fibers into 12 groups of 12 fibers each, with 12pcs 12-fiber MTP® connectors integrated on both ends, enabling modular, plug-and-play parallel optical interconnects. Ideal for Spine-Leaf architectures, AI cluster horizontal scaling, and rapid deployment in high-density cabling environments.

Features

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

Parameter

Type	Side A	Side B	MTP Connect or Type	Fiber Type	Cable Type	Cable Color	Jacket
Elite	MTP/PC Female/Male	MTP/PC Female/Male	12 Fiber	OM3 OM4	24-144 Fiber	Aqua Violet	LSZH
Elite	MTP/APC Female/Male	MTP/APC Female/Male	12 Fiber	G657A	24-144 Fiber	Yellow	LSZH

Connector	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>50M)	$\geq 20\text{dB}$
MTP/APC	$\leq 0.35\text{dB}$	$\geq 65\text{dB}$