

MTP Y cable



Description

MTP Y Cable is a high-performance, pre-terminated fiber optic solution that splits a single high-density MTP interface into two independent multi-fiber outputs. It enables flexible signal distribution and link expansion, widely used in high-density data center cabling, 40G/100G/400G transceiver interconnects, and Spine-Leaf architectures.

Features

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

Components

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

Parameter

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	$\leq 0.35\text{dB}$	$\geq 65\text{dB}$