

24Fiber MTP-12LC Duplex Uniboot patchcord



24-Fiber MTP-12LC Duplex Uniboot Patchcord is a high-performance pre-terminated fiber optic solution designed for high-density data center environments. It branches a 24-fiber MTP® backbone into 12 pairs of LC duplex connectors, enabling efficient transition from high-density trunk cabling to standard equipment ports. Widely used in 40G/100G transceiver interconnects, Spine-Leaf architectures, and AI computing clusters.

Features:

- ◆ Used for Hi-density panel, less space more dense
- ◆ US Conec MTP Elite connector with Low insertion loss
- ◆ Adaptor color can be aqua or violet or customized
- ◆ Other brand MPO connectors are also available
- ◆ Smaller Divider
- ◆ ROHS compliant
- ◆ REACH compliant

Component

Module	MTP-12xLC Duplex Uniboot	Black powder coat	SPCC
Adaptor	2 X MTP	Aqua / H-Violet / Lime Green	Plastic
	12xLC duplex	Beige / Aqua / H-Violet / Lime Green	Plastic
MTP Assembly	2XMTP connector	Aqua / H-Violet / Lime Green	Plastic
	2x12 color LC 0.9mm pigtails	Beige / Aqua / H-Violet / Lime Green	LSZH

Parameter

Type	Insertion Loss	Return loss
MTP/PC Elite	$\leq 0.35\text{dB}$	$\geq 20\text{dB}$
	$\leq 0.35\text{dB} + (L - 50\text{M}) * 3\text{dB/km}$ ($L > 50\text{M}$)	$\geq 20\text{dB}$
MTP/APC Elite	$\leq 0.35\text{dB}$	$\geq 65\text{dB}$
LC/PC	$\leq 0.1\text{dB}$	$\geq 20\text{dB}$
LC/UPC	$\leq 0.2\text{dB}$	$\geq 55\text{dB}$
LC/APC	$\leq 0.2\text{dB}$	$\geq 65\text{dB}$