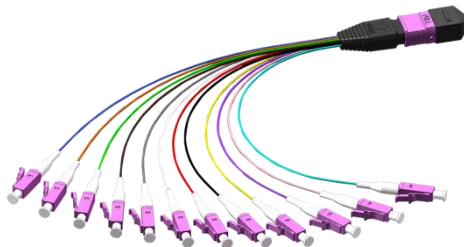


MTP-12LC Simplex 900um fanout jumper



MTP-12F to 12×LC Simplex 900μm Fanout Jumper is a high-performance, pre-terminated branching solution designed for high-density and compact fiber optic modular systems. It splits a 12-fiber MTP® connector at one end into 12 individual LC simplex connectors at the other, utilizing 0.9mm ultra-thin optical cables (900μm) to enable extremely slim and flexible cabling.

This solution is ideal for space-constrained environments such as high-density racks, module cassettes, and optical layer distribution systems, and is widely used in structured cabling for data centers, 40G/100G signal breakout, and MTP-to-LC conversion modules.

Features

- ◆ Module use, US Connec MTP Elite connector with Low insertion loss.
- ◆ Test data tracing available.
- ◆ Other brand MPO connectors are also available
- ◆ ROHS compliant
- ◆ REACH compliant

Parameter

Trunk cable	Connector Type	Insertion Loss	Return loss
Side A	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	$\leq 0.35\text{dB}$	$\geq 65\text{dB}$
Side B	12xLC/PC	$\leq 0.1\text{dB}$	$\geq 20\text{dB}$
	12xLC/UPC	$\leq 0.2\text{dB}$	$\geq 55\text{dB}$