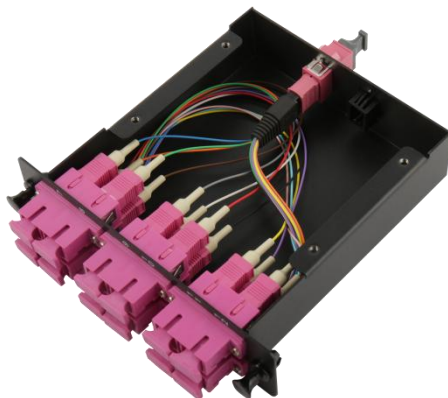


MTP-6SC Duplex Module



MTP-6SC Duplex Module features a pre-terminated 1×MTP to 6×SC duplex patch cord structure, with each module supporting 12-fiber connectivity. A 1U patch panel can accommodate 12 modules, enabling full-capacity access to 144 fibers. This design integrates multiple fiber channels into a compact unit, significantly improving cabinet space utilization, fitting standard 19-inch racks, and supporting front/rear cable entry with a sliding drawer mechanism for convenient front-side maintenance in enclosed cabinets.

Features:

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

Component

Module	MTP-6x SC Duplex	Black powder coat	SPCC
Adaptor	1X MTP	Aqua / H-Violet / Lime Green	Plastic
	6xSC Duplex	Beige / Aqua / H-Violet / Lime Green	Plastic
MTP Assembly	1XMTP connector	Aqua / H-Violet / Lime Green	Plastic
	1x12 color SC 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	$\leq 0.35\text{dB}$	$\geq 65\text{dB}$
SC/PC	$\leq 0.1\text{dB}$	$\geq 20\text{dB}$
SC/UPC	$\leq 0.2\text{dB}$	$\geq 55\text{dB}$
SC/APC	$\leq 0.2\text{dB}$	$\geq 65\text{dB}$