

## MTP/MPO Trunk Fiber Optic Cable Patch Cord

Pre-terminated trunk cable can be from 4 to 144 cores with 8/12-pin MTP connector at both ends. High-quality cable and MPO kits guarantee low insertion loss and high return loss for high-speed network. Its efficient plug-and-play structure greatly reduces the initial installation and routine maintenance costs. Pre-terminated trunk cables can also be used with plug-and-play modules or MTP / MPO connector panels to achieve multi-level connection of the extension of the preterminated trunk cable can also be extended by MTP/MPO panel with plug-and play module. The extended trunk cable is to be connected with another panel or fan-out patch cords.



预端接主干光缆，支持4到144芯主干光缆，两端采用含导向针的8/12芯MTP连接器，采用高质量的光缆及MPO组件，低插入损耗，高回波损耗，完全可以满足苛刻的高速网络；另外其高效的即插即用结构大大降低了初始安装和日常维护成本。预端接主干光缆也可采用通过即插即用模块或MTP/MPO连接器面板实现多级连接的延长的预端接主干光缆。延长的主干光缆一端与解决方案主干光缆对接，另一端连接解决方案模块或分支跳线  
用于IDC和大楼光纤预端接系统，系统满足以太网传输，可用于未来40G/100G系统应用的平滑升级。MPO 预端接光缆有利于快速部署的数据中心和光纤基础设施环境。跨越于MDA，HDA与EDA区域间模块盒或扇出光缆的连接。

### Features (特点)

- Array of connectors with high precision low loss MTP / MPO connectors
  - MTP/MPO connectors has been assembled at both ends of the cable. The optical performance is 100% tested
  - A B C three polarity wiring options can be chosen from sufficient capacity can provide 4-144 cores fiber connections
  - Cable flammability rating: OFNR, OFNP, LSZH
  - The length of customized cable, trunk cable, extension cable, branch cable can be accurate
  - Traction tube is the optional for easy on-site installation
  - Minimize failures and reduces cabling space and installation time
  - Smooth upgrading to next generation data center for 40GbE and 100GbE
  - Outer jacket material option: PVC, LSZH and other selected materials
- 阵列连接器，采用高精度低损耗MPO/MTP光纤活动连接器
  - 预端接光缆成品两端已经安装好 MTP/MPO连接器，光学性能经工厂100%测试检验，产品两端有专业的抗压与抗拉的设计
  - ABC三种极性接线方式可供选择
  - 容量充足，提供4-144芯系列光纤连接
  - 线缆定制，主干缆，延长缆，分支缆可精准化长度
  - 牵引拉手，可选择配置，便于现场施工
  - 小型化最大限度减少故障并减少布线空间以及减少现场安装时间
  - 可以直接平滑升级到下一代数据中心40GbE和100GbE的应用
  - 外护套材质，有PVC、LSZH等多种材料选择
  - 光缆防火等级：OFNR、LSZH

### Specifications

Item	Single mode	Multimode
Insertion Loss (插入损耗)	Low loss $\leq 0.35$ dB	Low loss $\leq 0.35$ dB
	Standard Loss $\leq 0.7$ dB	Standard Loss $\leq 0.5$ dB
Return Loss (回波损耗)	$\geq 60$ dB	$\geq 30$ dB
Durability (耐久性)	$< 0.2$ typical change, 500 matings	
Operating Temperature (工作温度)	Operating Temperature $-40$ to $+85^{\circ}\text{C}$	
40G	8 Fiber	
100G	20 Fiber	