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ST Fiber Optic Pigtail

Product Drawing

Product Description

The fiber optic pigtail fiber of ST connector is a type of fiber optic connection product that uses ST type interfaces, mainly used for equipment connection in fiber optic communication systems. Its shell is circular in shape and adopts a plug-in card connection fastening method, which has the characteristics of easy installation and stable connection.

Product features

- Low insertion loss,high return loss.
- Good repeatability and interchange ability.
- The ST connector adopts a circular interface design for easy identification and connection
- The ST connector has a bayonet fixing bracket, which can be fixed by rotating half a circle after insertion, making the installation process simple and fast.
- The ST connector can be plugged and unplugged more than 1000 times, meeting long-term usage needs.
- Suitable for single-mode and multimode fiber optic connections, commonly used in scenarios such as fiber optic distribution frames and fiber optic terminal boxes.

Application

Long haul trunk,metro and access system;CATV and fiber network system.

Technical Specifications

Product Parameters

Project		Technical indicators			
Product name		ST Fiber Optic Pigtail			
Parameter	Unit	Index			
Connector Type	/	PC(SM)	UPC(SM)	APC(SM)	PC(MM)
Return Loss	dB	≥45	≥50	≥60	≥35
Insertion Loss	dB	Typ≤0.2 Max≤0.3			
Repeatability	dB	≤0.1			
Interchangeability	dB	≤0.2			
Connection Durability	times	≥500(non-metalic) ≥1000(metal)			
Operating Temperature	℃	-25 ~+70			
Fiber Type		SM9/125,MM50/125,MM62.5/125,OM3,OM4			