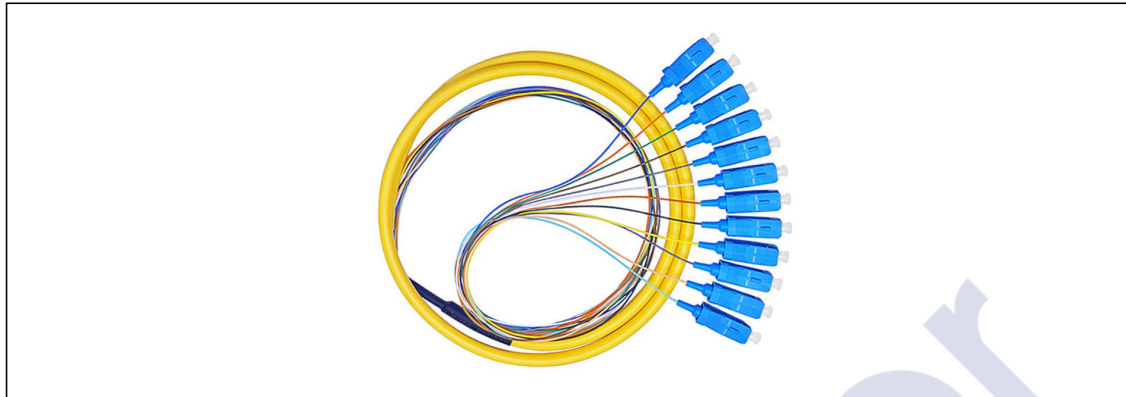# unionfiber

Bulk Number Fiber Optic Pigtail

Product Drawing

Product Description

Bulk Number Fiber Optic Pigtail is a high-performance connection product designed specifically for high-density fiber optic communication systems. It adopts a multi-core fiber optic structure, supporting large number of fiber optic connections, such as 4-core, 8-core, 12 core and above, to meet the needs of high-density fiber optic communication. It can support the connection of multiple fiber optic channels at the same time. The multi-core fiber optic structure effectively saves space, reduces the complexity of fiber optic cable wiring, and provides efficient and stable fiber optic connection solutions for large data centers, telecommunications networks, etc.

Product features

- Low insertion loss, typical value ⩽ 0.20dB, ensuring efficient signal transmission.
- The large core design supports multi-channel simultaneous transmission, improving the overall performance and stability of fiber optic communication systems.
- The multi-core fiber optic structure effectively saves space and reduces the complexity of fiber optic cable wiring.
- Support multiple types of optical fibers, cores, and connector types to meet the usage needs in different scenarios.

Application

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

Technical Specifications

Product Parameters

Project		Technical indicators			
Product name		Bulk Number Fiber Optic Pigtail			
Parameter	Unit	Index			
Connector Type	/	PC(SM)	UPC(SM)	APC(SM)	PC(MM)
Return Loss	dB	≥50	≥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