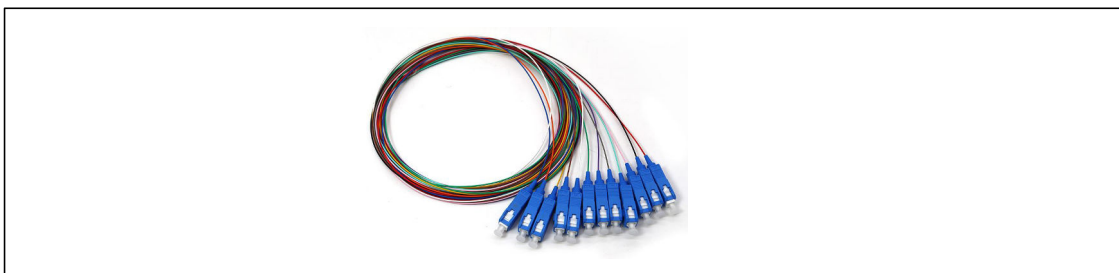


## 12Core Bundle Fiber Optic Pigtail

### Product Drawing



### Product Description

12Core Bundle Fiber Optic Pigtail is a connection product designed specifically for fiber optic communication systems. Its characteristic is that the tail fiber has up to 12 colors. This design is not only aesthetically pleasing, but more importantly, it facilitates differentiation and identification in complex fiber optic cable lines, improving work efficiency and providing great convenience for the connection and identification of fiber optic cable lines. This product is widely used in scenarios such as fiber optic distribution frames and fiber optic terminal boxes, providing reliable guarantees for the stable operation of fiber optic communication systems.

### Product features

- Rich in colors: 12 colors are available for easy differentiation and identification of fiber optic cable lines.
- Safe and reliable: Using high-quality materials and structural design to ensure the durability and safety of the product.
- Low insertion loss: The product has low insertion loss, ensuring efficient signal transmission.
- High return loss: High return loss reduces signal reflection and interference, and improves signal transmission quality.

### Application

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

### Technical Specifications

#### Product Parameters

Project		Technical indicators			
Product name		12Core Bundle 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-metallic) ≥1000(metal)			
Operating Temperature	℃	-25 ~+70			
Fiber Type		SM9/125,MM50/125,MM62.5/125,OM3,OM4			