

Optical pigtails

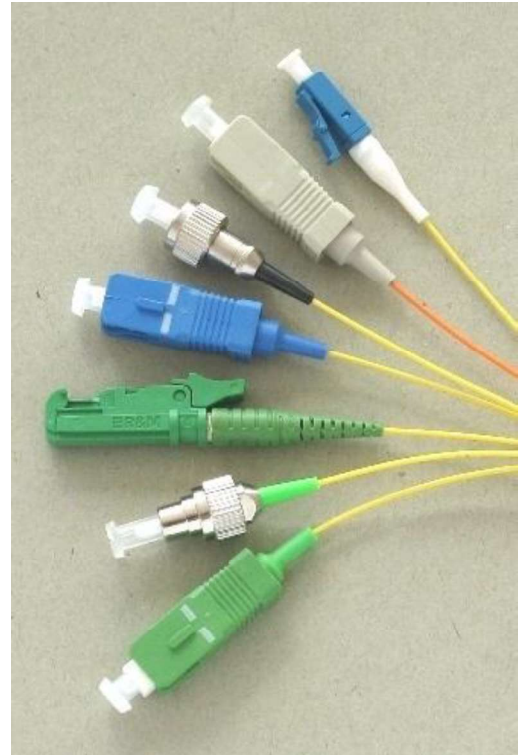
Optical pigtail is one of the basic components of the optical transmission network, which terminates the optical cable or optical device to inner side of termination panel / box /ODF. They consist of fiber optic cable and terminated connector at one side.

Features

- ❖ Low insertion loss and high return loss
- ❖ Angle of APC ferrule: 8°
- ❖ Good repeatability and interchangeability
- ❖ Easy strip coating

Applications

- ❖ Long-haul, metro and access system
- ❖ CATV transmission over optical fiber
- ❖ Passive optical networks
- ❖ Test and inspection instruments



Advantages

- ❖ High-quality raw materials including tight buffer, simplex/duplex cable and multi-core distribution cable and ceramic ferrules
- ❖ Variety of packages: 1pc / bag, 6-colored pcs / bag, 12-colored pcs / bag

Specifications

Parameter	Unit	Specification			
Connector Type		SC, LC, FC, ST, MPO, E2000...			
Fiber Type		Multi-Mode		Single-Mode	
Insertion Loss	dB	Typ. ≤ 0.1, Max. ≤ 0.3		Typ. ≤ 0.1, Max. ≤ 0.3	
Return Loss (Typ.)	dB	/PC ≥ 36	/PC ≥ 45	/UPC ≥ 50	/APC ≥ 60
Repeatability	dB	≤ 0.1			
Interchange Ability	dB	≤ 0.2			
Connection Durability	Times	≥ 1000			
Operating Temperature	°C	-40 ~ +85			
Storage Temperature	°C	-40 ~ +85			
Operating Humidity	% RH	≤ 95			
Storage Humidity	% RH	≤ 95			