

OPTICAL CONNECTOR

CONN Series

Product Description

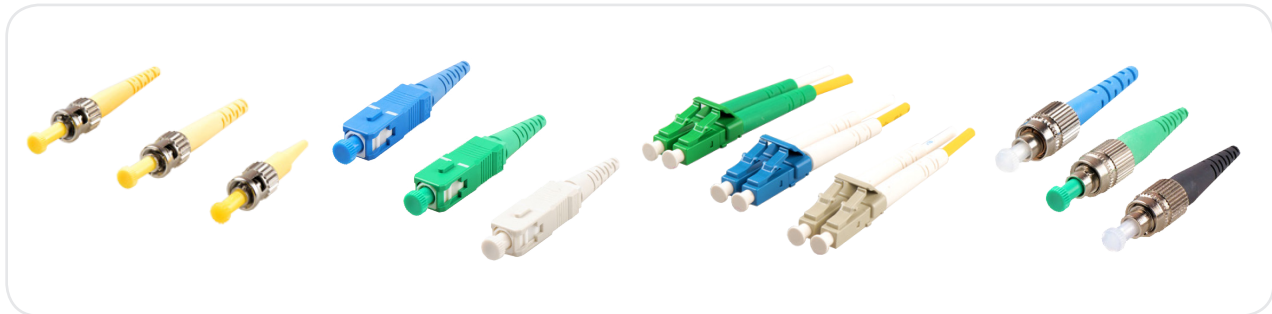
Oplink's connectors use high precision ceramic ferrules that meet or exceed the industry standards. Our interconnect products are designed for all optical systems or components. They are available in various housing colors, boot colors and boot types. With our highly integrated design and strong manufacturing capability, Oplink can provide customized products to meet our customers' demands. All of our connectors are compliant with Telcordia, and TIA/EIA specifications and also meet the industry green initiative such as RoHs.

Features

- ◆ Low insertion loss and low back reflection
- ◆ Available in 900µm, 2.0mm, 3.0mm type
- ◆ Various boot colors and boot types
- ◆ High precision alignment
- ◆ Telcordia GR-326, TIA/EIA, NTT compliant

Applications

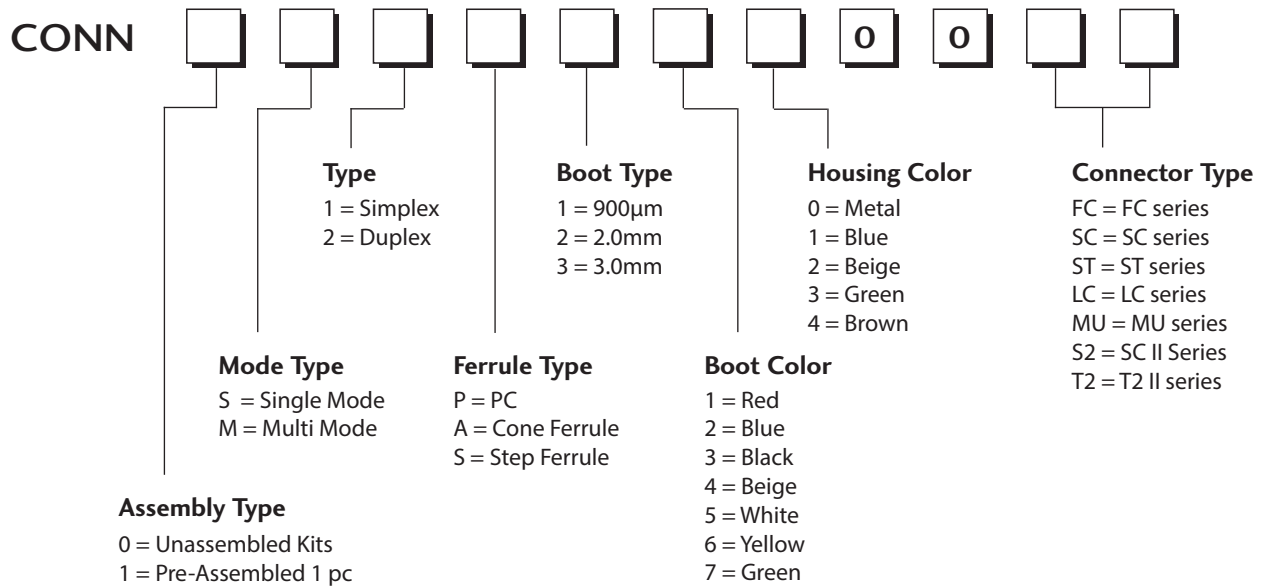
- ◆ Telecommunications networks
- ◆ Data processing network
- ◆ Local area networks(LANS)
- ◆ Wide area networks(WANS)
- ◆ Test equipment
- ◆ Fiber to the home
- ◆ CATV
- ◆ Premise Installations



Product Specifications

Parameters		Min.	Typical	Max.	Unit.
Type		FC, SC, ST, LC, MU Connector			
Ferrule ID	SMF	125		126	µm
	MMF	126		128	
Ferrule Concentricity	SMF			1.0	µm
	MMF			4.0	
Insertion Loss	SMF			0.3	dB
	MMF			0.5	
Return Loss	SMF PC	50			dB
	SMF APC	60			
Durability	500 Matings	< 0.2dB typical change			
Operating Temperature		- 20		+85	°C
Storage Temperature		- 40		+85	°C
Humidity (Non-condensing)				95	%

Ordering Information



Oplink Standard Connector Definition

Connector Type		Material	Housing	Boot Color	Dust Cap Color
SMF FC	900µm PC	Metal	Metal	Blue	Clear
	2.0/3.0mm PC	Metal	Metal	Blue	Clear
	900µm APC	Metal	Metal	Green	Green
	2.0/3.0mm APC	Metal	Metal	Green	Green
MMF FC	900µm PC	Metal	Metal	Black	Clear
	2.0/3.0mm PC	Metal	Metal	Black	Clear
SMF SC	900µm PC	Blue	Blue	Blue	Clear
	2.0/3.0mm PC	Blue	Blue	Blue	Clear
	900µm APC	Green	Green	Green	Green
	2.0/3.0mm APC	Green	Green	Green	Green
MMF SC	900µm PC	Beige	Beige	Black	Clear
	2.0/3.0mm PC	Beige	Beige	Black	Clear
SMF ST	900µm PC	Metal	Metal	Yellow	Clear
	2.0/3.0mm PC	Metal	Metal	Yellow	Clear
MMF ST	900µm PC	Metal	Metal	Black	Clear
	2.0/3.0mm PC	Metal	Metal	Black	Clear
SMF LC	900µm PC	Blue	Blue	White	White
	2.0/3.0mm PC	Blue	Blue	White	White
	900µm APC	Green	Green	Green	White
	2.0/3.0mm APC	Green	Green	Green	White
MMF LC	900µm PC	Beige	Beige	White	White
	2.0/3.0mm PC	Beige	Beige	White	White
SMF MU	900µm PC	Brown	Brown	Light Blue	Blue
	2.0/3.0mm PC	Brown	Brown	Light Blue	Blue