

## Specification

### LC - SC Optic Patch Cord

Optical patch cord, which used to implement the optical path active connection, and composed of optical fiber connector and fiber cable. It makes two fiber surface precision docking, so that the optical output power maximize the coupling to the receiving optical fiber, and minimize insertion loss. Optical patch cord is use for connect equipment and Optical Fiber Cabling Link, and thick protective coat, commonly use for connection between optical transceiver and the terminal box.

#### Features

- Simplex/Duplex patch-cord available
- Cable available
- OS2/OM1/OM2/OM3/OM4/OM5 Fiber types are available
- ROHS compliant
- IEC61300/IEC61753/TIA455/IEC60793/IEC60794/IEC61755 compliant

#### Applications

- CATV
- Telecommunication networks
- Active device termination
- Video
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)



#### Specifications

Item	Specification	
	Single Mode	Multimode
Insertion Loss	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$
Return Loss	$\geq 50\text{dB(PC)}, \geq 60\text{dB(APC)}$	$\geq 30\text{dB}$
Repeatability	$\leq 0.2$	$\leq 0.2$
Durability	$\leq 0.2\text{ dB typical change, 500 matings}$	$\leq 0.2\text{ dB typical change, 500 matings}$
Interchangeability	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$
Tensile Strength	$> 70\text{N}$	$> 70\text{N}$
Operating Temperature	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$