

LC Grade B Connector

The Grade B LC connectors are according to IEC 61753-1, usually are used for patchcord&pig-tail. And the connectors have many types can be chosed, for example: APC or UPC ferrule, blue or green hosuing, standard or specifical boot ...

Features

- High precision alignment
- Precision anti-rotation key and corrosion resistant body
- Low insertion loss(Grade B) and back reflection loss
- ROHS compliant
- TIA604-10&IEC61754-20 compliant

Application

- Gigabit Ethernet
- Video
- Multimedia
- Active device termination
- Premise installations
- Telecommunication networks

Standards

All components of/and the final product are designed and tested to conform the requirements of IEC 60874, Bellcore/Telcordia GR-326, EIA/TIA 604-3A, IEC61754-4,EIA/TIA 568, IEC61300-2,IEC61300-3,IEC61753-1, EIA/TIA455,IEC61755-2.

Item	Single mode	Multi mode
Insertion Loss	Typical $\leq 0.12\text{dB}$, Maximum $\leq 0.25\text{dB}$	Typical $\leq 0.12\text{dB}$, Maximum $\leq 0.25\text{dB}$
Return Loss	APC $\geq 60\text{dB}$,PC $\geq 50\text{dB}$	PC $\geq 30\text{dB}$
Durability	$\leq 0.2\text{dB}$ typical change, 1000 matings	$\leq 0.2\text{dB}$ typical change, 1000 matings
Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Ferrule Hole Sizes	$125.0+0.7/-0\mu\text{m}$, Concentricity: $\leq 0.5\mu\text{m}$	$125.0+1/-0\mu\text{m}$, Concentricity: $\leq 1.0\mu\text{m}$

Availability

- The connector can be supplied as a pre-assembled connector or as connector kits.
- Simple&Duplex type are available.
- PC or APC are available.

Clip Type	Ferrule Style	Housing Colors	Boot Type	Boot Colors
Simplex	PC	SM-PC(Blue)	0.9mm boot	Blue
Duplex	APC	SM-APC(Green)	2.0mm boot	Green
		MM-PC(White/Beige/Red/Aqua/Magenta)	3.0mm boot	White/Beige/Red/Aqua/Magenta