

High Performance IEC Grade B Patch Cord

For high-speed fiber-optic communications and data networks, high-performance fiber jumpers mean lower insertion loss and better random interchangeability. IEC Grade B-class patch-cord require higher processing technology and materials than ordinary products. We offer reliable and stable IEC Grade A / B / C grade patch-cord.

Features

- Conforms to IEC 61753-1 and IEC 61300-3-34
- Low insertion loss, low return loss
- Random test interchangeability is good
- High precision ferrule and connector material
- Products comply with Telcordia, IEC, RoHS, REACH

Specification

Beside using low concentricity ferrules for the products, all the Grade B connectors must be tuned by using the fiber core adjustment machine. This is a very important procedure to make high quality Grade B connectors. 100% connectors will be tuned in KOC factory.



Item	Unit	Parameters		
		Grade A	Grade B	Grade C
Relative Reference Insertion Loss	dB	$\leq 0.10\text{dB}$	$\leq 0.10\text{dB}$	$\leq 0.10\text{dB}$
Random Insertion Loss	dB	Typical $\leq 0.07\text{dB}$ Maximum $\leq 0.15\text{dB}$	Typical $\leq 0.12\text{dB}$ Maximum $\leq 0.25\text{dB}$	Typical $\leq 0.25\text{dB}$ Maximum $\leq 0.50\text{dB}$
Return Loss	dB	UPC $\geq 55\text{dB}$ APC $\geq 65\text{dB}$ Multimodal $\geq 30\text{dB}$	UPC $\geq 50\text{dB}$ APC $\geq 60\text{dB}$ Multimodal $\geq 30\text{dB}$	UPC $\geq 50\text{dB}$ APC $\geq 60\text{dB}$ Multimodal $\geq 30\text{dB}$
Mechanical Durability	dB	Change amount $< 0.20\text{ dB}$, 1000 repetitions		
Operating Temperature	$^{\circ}\text{C}$	-40 to +85 $^{\circ}\text{C}$		

