

OPTICAL FIBER PATCH CORDS

(SIMPLEX & DUPLEX)

- PRITECH Offers standard simplex & duplex patch cords In a variety of connectors & cables configurations. PRITECH patch cords are available with full standard Optical specifications, precise length tolerance. All Assemblies are 100% inspected for optical Characteristics and fiber end face finish.
- The optical Fiber patch cords are suitable for data communication, telecommunication Applications. The terminated connectors in assemblies are designed to be compatible with Industry standards {IEC61754/TIA-EIA}. PRITECH can deliver customized patch cords as per Requirement.



FEATURES

- Adopts high precision ceramic ferrule with good concentricity.
- Compact & strong crimping offers exceptional tensile strength in cable assemblies.
- 100% inspected for optical characteristics & fiber end face finish.
- Good performance endurance under changing circumstances.

SPECIFICATIONS

Connector Type	SC/ST/FC/LC/MTRJ		
Optical fiber	Single mode	Multi-mode	
Cable type	PVC & LSZH on request		
	3.0 mm/ 2.0 mm		
Cable color, Length	Yellow for single mode & Orange for multi mode & Aqua for OM3 1m, 2m, & 3m. Other lengths on request		
Optical specification	Insertion Loss	Typical: $\leq 0.2\text{Db}$, Max. 0.3Db (MTRJ : Max 0.5dB)	Typical $\leq 0.2\text{dB}$, Max. 0.3dB (MTRJ: Max 0.5dB)
	Return Loss	PC $\geq 45\text{dB}$, UPC $\geq 50\text{dB}$, APC $\geq 60\text{dB}$ (SM)	$\geq 25\text{dB}$ (MM)
Mechanical Specification	Connector Ferrule	Ceramic	
	Repeatability	$\leq 0.2\text{dB}$ 200 times mating cycles	
Working Temperature	$-10\text{ C} \sim +70\text{ C}$		
Storage Temperature	$-20\text{ C} \sim +70\text{ C}$		



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