

PART CODE:- QCTN-FPC1

FIBER PATCH CORD

Q-Connect provides standard simplex and duplex patch cords in a wide range of connector and cable configurations. Our patch cords adhere to full standard optical specifications and maintain precise length tolerances. Each assembly undergoes a 100% inspection for optical characteristics and fiber end-face finish to ensure top-quality performance.

FEATURES

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



SPECIFICATIONS			
Connector Type		SC/ST/FC/LC/MTRJ	
Optical Fiber		Single-mode G652D	Multi-mode OM1, OM2, OM3, OM4
Cable Type		PVC & LSZH on request	
		3.0mm / 2.0mm	
Cable Color, Length		Yellow for Single-mode & 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 > 45dB, 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		$-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
Static Load		$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$	