

**PART CODE:- QCTN-PGSM**

**FIBER OPTIC PIGTAIL SM**

Q-connect pigtail is a single, short, usually tight-buffered, optical fiber that has an optical connector pre-installed on one end and a length of exposed fiber at the other end. The end of the pigtail is stripped and fusion spliced to a single fiber of a multi-fiber trunk.

**PRODUCT FEATURE**

- Low insertion loss.
- High return loss.
- Good repeatability; Mutual thrust Performance
- Good interchange.
- Excellent environmental adaptability.
- Suitable single & multi-Mode fiber



**APPLICATION**

- Gigabit Ethernet.
- Video, multimedia.
- Premise installations.
- Test and measurement.

SINGLE MODE CABLE									
Fiber Type	Cladding OD (μm)	Mode Field Dia	Coating OD (μm)	Attenuation @ 1310nm (dB/km)	Attenuation @ 1550nm (dB/km)	Chromatic Dispersion		Cut-off Wavelength	Zero
						@1285-1330 nm	@ 1550 nm		
G652D	125 ± 0.7	9.2 ± 0.4 μm @ 1310nm	245 ± 10	≤ 0.360	≤ 0.240	≤ 3.5 ps/nm.km	≤ 18 ps/nm.km	≤ 1260 nm	1300 - 1324 nm
G657A1	125 ± 0.7	9.1 ± 0.3 μm @ 1310nm	245 ± 10	≤ 0.380	≤ 0.250	≤ 3.5 ps/nm.km	≤ 18 ps/nm.km	≤ 1260 nm	1300 - 1322 nm
G657A2	125 ± 0.7	8.6 ± 0.4 μm @ 1310nm	245 ± 10	≤ 0.360	≤ 0.220	≤ 3.5 ps/nm.km	≤ 18 ps/nm.km	≤ 1260 nm	1300 - 1324 nm

CONNECTOR PARAMETERS												
Connector Type	MM(PC/UPC)				SM(PC/UPC)				SM(APC)			
	FC	SC	LC	ST	FC	SC	LC	ST	FC	SC	LC	ST
Insertion Loss (dB)	≤ 0.3				≤ 0.3				≤ 0.3			
Return Loss (dB)	≤ 35				≤ 50				≤ 60			
Type of Ferrule	Zirconia Ceramic (Conical Zirconia Ceramic)											