



1.SCPC



2.FCPC



3.SCAPC



4.FCAPC



5.LCPC



6.MUPC



7.E2000 PC



8.E2000 APC

SL.NO	PARAMETERS	TYPES OF CONNECTOR							
		1.SCPC	2.FCPC	3.SCAPC	4.FCAPC	5.LCPC	6.MUPC	7.E2000PC	8.E2000APC
1	Insertion Loss @ 1310 nm	≤0.20 dB	≤0.20 dB	≤0.20 dB	≤0.20 dB	≤0.20 dB	≤0.20 dB	≤0.10 dB	≤0.15 dB
2	Return Loss @ 1310 nm	≥ 50 dB	≥ 50 dB	≥ 60 dB	≥ 60 dB	≥ 50 dB	≥ 45 dB	≥ 60 dB	≥ 85 dB
3	Connector Ferrule	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic
4	Connector Body	Plastic-Blue	Ni-Cr Plated Brass	Plastic-Green	Ni-Cr Plated Brass	Plastic-Blue	Plastic	Thermoplastic-Blue	Thermoplastic-
5	Ferrule Hole diameter	125 to 126 microns							
6	Ferrule outer diameter	2.499 ± 0.0003 mm(1.25± 0.0003 mm for LC and MU)							
7	Eccentricity	0.00020 mm (max)							
STRAIN RELIEF									
8	Material	Polyester-Blue	Polyester	Polyester-Green	Polyester-Green	Polyester-White	Polyester-Blue	Polyester-Blue	Polyester-Green
9	Color	Blue for PC,Green for APC and Baze for Multi mode							
10	Outer Diameter	7 mm	7 mm	7 mm	7 mm	5 mm	4 mm	7 mm	7 mm
11	Length for 2mm/3mm Dia.Cable	>30 mm	>35 mm	>30 mm	>35 mm	>30 mm	>30 mm	>35 mm	>35 mm
12	Length for 900 micron Cable	>20 mm	>20 mm	>20 mm	>20 mm	>20 mm	>20 mm	>25 mm	>25 mm
GEOMETRICAL PARAMETERS									
	PARAMETERS	Angle		Radius of Curvature		Spherical Hight		Apex Offset	
13	For PC	NA		10 to 25 mm		-100 to + 100 nm		0 to 50 microns	
14	For APC	7.7 to 8.3 degrees		5 to 12 mm		-100 to + 100 nm		0 to 50 microns	

Note:

1. Ensure packed parts are free from dust, and proper care should be taken to avoid any kind of damages, also ensure necessary accessories before packing.
2. Connectors must operate freely while assembling, and no damages, cracks or rust are allowed near locking latches.
3. Additional requirements if any will be mentioned in AFS purchase order.
- 4.Ensure all visual, Testing and Functional parameters are taken care.
- 5.Special tools required if any for handling and maintenance shall be clearly indicated and supplied.
- 6.Ensure availability of sufficient information to alert potential hazard, also indicate required precautions and working practice.
- 7.Apart from above mentioned specifications any other customer specific requirements as mentioned in rate contract and SLA needs to be tested at regular intervals