



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	≤0.15 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	Ferrule Hole diameter	125 to 126 microns							
5	Ferrule outer diameter	2.499 ± 0.0003 mm(1.25± 0.0003 mm for LC and MU)							
6	Eccentricity	0.00020 mm (max)							
7	Connector Body	Plastic-Blue	Ni-Cr Plated Brass	Plastic-Green	Ni-Cr Plated Brass	Plastic-Blue	Plastic - Brown	Thermoplastic-Blue	Thermoplastic-Green
8	Duplex Parameters	With Clip	No Clip	With Clip	No Clip	With Clip	No Clip	No Clip	No Clip
<b>STRAIN RELIEF</b>									
9	Material	PVC / Rubber	PVC / Rubber	PVC / Rubber	PVC / Rubber	PVC / Rubber	PVC / Rubber	Rubber	Rubber
10	Color	Blue	Blue / Black	Green	Green	White / Blue	Blue	Blue	Green
11	Outer Diameter	7 mm	7 mm	7 mm	7 mm	5 mm	4 mm	7 mm	7 mm
12	Length for 2mm/3mm Dia.Cable	>30 mm	>35 mm	>30 mm	>35 mm	>30 mm	>30 mm	>35 mm	>35 mm
13	Length for 900 micron Cable	>20 mm	>20 mm	>20 mm	>20 mm	>20 mm	>20 mm	>25 mm	>25 mm
<b>FERRULE GEOMETRICAL PARAMETERS</b>									
	PARAMETERS	Angle		Radius of Curvature		Spherical Height		Apex Offset	
14	For PC	NA		10 to 25 mm		-100 to + 100 nm		0 to 50 microns	
15	For APC	7.7 to 8.3 degrees		5 to 12 mm		-100 to + 100 nm		0 to 50 microns	
Reference specifications		TEC spec GR/OFJ-01/04 April For FC,2004 and GR/OFJ-02/01.MAY 2004 For SC						IEC spec IEC 61753-1	

**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.