



Fibrepulse LC/UPC Patchcord Specifications

Fibre Type	8.3/125 SMF-28		
Ferrule Material	Zirconia		
Cable Jacket Material	PVC/LSZH/Plenum		
Epoxy:	Epo-Tek 353ND		
Epoxy Tg:	130°C		
Epoxy Cure Cycle:	80°C /1hr + 120°C /1hr + 150°C /1hr		
Insertion Loss Max.	Avg. 0.10dB / Max. 0.20dB		
Return Loss Min.	>55dB		
Cable Retention	3mm	2mm/1.6mm	0.9mm
0° Axial Pull	>150 N	>100 N	>15 N
Mating Durability	500 matings		
500 matings	< 0.1 dB		
Insertion loss change			
Temp. Stability	(-40°C to 75°C)		
Temp. Stability	<0.2 dB		
Insertion loss change			
Standards	Complies with ANSI, Bellcore, IEC, TIA/EIA, NTT and JIS.		
Testing	100% testing for insertion loss, return loss and end-face geometry.		

Insertion loss tested in accordance with EIA/TIA-455-34A
 Return loss tested in accordance with EIA/TIA-455-107

Endface Geometry

Item	Maximum	Minimum	Dimensions
Radius	12	7	mm
Fibre Height	50	-50	nm
Apex Offset	50	0	mm
Pedestal Dia	1	0.5	mm

LC simplex Singlemode Part Numbers

LC LC XX XXXX AA

Standard Cable size codes:
 Simplex PVC SMF-28

26	250µm
16	900µm
31	1.6mm
07	2.0mm
01	3.0mm

Length in 1/10m
 eg. 0010 = 1m
 0025 = 2.5m

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Revision	Description	Date	LC Singlemode Simplex
01	Drawing Created	7/2/03	
			LCLCXXXXXXAA

Rev. 01