

STL OF QUALITY TESTING LABORATORY TESTING CHARGES - NABL and CAB

Sr.No.	Group of products, materials or items tested	Specific tests or types of tests performed	Specification, standard (method) or technique used	NABL Test Charges / Sample (Rs)	CAB Test Charges / Sample (Rs)
1	Optical Fibre	Mode Field diameter of SM fibers	IEC 60793-1-45 Method B: 2017 Variable aperture in far field	30000	40000
2	Optical Fibre	Cable cutoff wavelength	IEC 60793-1-44		
3	Optical Fibre	Fiber cutoff wavelength	IEC 60793-1-44		
4	Optical Fibre	Fibre Macro bend	FOTP 62/IEC 60793-1-47 Method A (Reference test method – fiber winding around mandrel)		
5	Optical Fibre	Sudden irregularity in attenuation	IEC 60793-1-40	15000	20000
6	Optical Fibre	Attenuation 1260nm - 1625nm	IEC 60793-1-40 for attenuation	15000	20000
7	Optical Fibre	Cladding diameter	IEC 60793-1-20 Transmitted near field imaging		
8	Optical Fibre	Cladding Non-circularity	IEC 60793-1-20 Transmitted near field imaging		
9	Optical Fibre	Core-Clad concentricity Error	IEC 60793-1-20 Transmitted near field imaging		
10	Optical Fibre	Coating diameter	IEC 60793-1-21 Automated dark field side view method		
11	Optical Fibre	Coating/Cladding Concentricity	IEC 60793-1-21 Automated dark field side view method		
12	Optical Fibre	Zero Dispersion Wavelength range	IEC 60793-1-42	15000	20000
13	Optical Fibre	Zero Dispersion Slope	IEC 60793-1-42		
14	Optical Fibre	Chromatic Dispersion	IEC 60793-1-42		
15	Optical Fibre	Polarization Mode Dispersion	IEC 60793-1-48		
16	Optical Fibre	Link design value for uncabled fibre	IEC 60793-1-48		
17	Optical Fibre	Operating Temperature	IEC 60793-1-52	45000	60000
18	Optical Fibre	Temp. Humidity cycling	EIA/TIA-455-73	315000	420000
19	Optical Fibre	Water immersion at 23°C	IEC 60793-1-53	30000	40000
20	Optical Fibre	Accelerated aging at 85°C	IEC 60793-1-51	187500	250000
21	Optical Fibre	High Temperature and High Humidity rest	IEC 60793-2-50	450000	600000
22	Optical Fibre	Retention of coating color	IEC 60793-2-50 and IEC 60793-1-51	487500	650000

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23	Optical Fibre	Strippability force to remove primary coating	IEC 60793-1-32	160000	200000
24	Optical Fibre	Dynamic Tensile Strength	IEC 60793-1-31		
25	Optical Fibre	Dynamic Fatigue	IEC 60793-1-33		
26	Optical Fibre	Fibre Curl	IEC 60793-1-34		
27	Optical Fibre	Cable Material Compatibility	IEC 60794-1-219	455000	TBD
28	Optical Fibre	MEK Rub Test	IEC 60794-1-219	5000	TBD
29	Documentation	Documentation and Administrative Charges (additional)	N/A	10000	10000