



All dielectric Optic Fiber Cable containing up to 12F LWP-SMF in full compliance with ITU-T G 652D. The offered cables are fully compliant to the relevant Over specifications.

CABLE DESIGN

- Up to 12 enhance low water peak single mode fibers in full compliance with ITU-T-G652D
- Non-metallic and anti-buckling element FRP rod used as Strength Member
- Loose buffer tubes fully filled
- UV Stabilized, PE Outer sheath, black

APPLICATION

* These cables can be used for indoor/Outdoor applications and FTTX Networks

SPECIAL FEATURES

- High Crush Resistance
- Flexible buffer tubes provide easy fiber routing inside closure
- All dielectric construction



DCFRP-09G652DXXX-IN

Drop Cable for indoor/Outdoor

Fiber Count	2	4	6	8	12
Number of Fiber in a Tube	2	4	6	8	12
Number of Tubes	1	1	1	1	1
Cable Dimension (mm) Width	4.0	4.0	4.0	4.0	4.0
Cable Dimension (mm) Height	7.0	7.0	7.0	7.0	7.0
Tolerance +- (mm)	0.5	0.5	0.5	0.5	0.5
Nominal Cable Weight (Kg/Km)	32	32	32	32	32
Standard Length (Meters)	2000/4000 +- 10%				

Cable Mechanical & Environmental Characteristics

Test	Standard	Product Performance
Temperature Range (°C)	[IEC 60794-1-2-F1]	Operation: -20 °C to +70 °C, Installation: -10 °C to +50 °C & Storage: -20 °C to +70 °C
Cable Bending Radius (mm)	[IEC 60794-1-2-E11 A]	20 x D (D=Diameter of Cable)
Kink Resistance (mm)	[IEC 60794-1-2-E10]	10 x D (D=Diameter of Cable)
Tensile Force (N)	[IEC 60794-1-2-E1]	1000
Impact Resistance (Kg)	[IEC 60794-1-2-E4]	Height 0.5 meters, Weight = 0.3, 3 Nos
Crush Resistance (N)	[IEC 60794-1-2-E3]	2000
Torsion Resistance	[IEC 60794-1-2-E7]	10 Cycle, ± 180°, Load 50N

Note: After the Test, Change in Attenuation shall be ≤ 0.05 dB/Km. No Fiber Break & Damage or Crack on the Cable

Cable Transmission Characteristics

Attenuation at 1310 nm (dB/Km)	≤ 0.36
Attenuation at 1550 nm (dB/Km)	≤ 0.23
Polarisations Mode Dispersion PMD (ps/sqrt.km)	≤ 0.2
Fiber Cut off (nm)	≤ 1320
Mode Field Diameter MFD at 1310 nm (µm)	9.2 ± 0.4

Color Fiber 02/12											
1	2	3	4	5	6	7	8	9	10	11	12