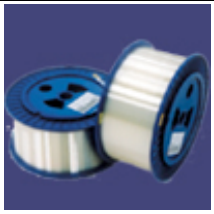
DLF 德利丰

High Broad Band Multi-mode Fiber

Items	Description		Typical Value
 Optical Characteristics	Attenuation Coefficient	@850 nm	≤2.3 dB/km
		@1300 nm	≤0.7 dB/km
	Band Width	@850nm	≥2000MHz·Km
	Effective Group Index of Refraction	@850 nm	1.484
		@1300 nm	1.479
	Macro-bending Loss (100turns,Φ75 mm)	@850 nm	≤ 0.4 dB
	(100turns,Φ75 mm)	@1300 nm	≤ 0.4 dB
Dimensional Characteristics	Fiber Core Diameter		50 ± 2.5μm
	Cladding Diameter		125 ± 1μm
	Core/Clad Concentricity		≤1μm
	Cladding Non-Circularity		≤1.0%
	Coating Diameter		243± 5μm
	Cladding/Coating Concentricity		≤6μm
	Coating Non-circularity		≤6.0%
Mechanical Characteristics	Tensile Strength (10m Gauge length)	(15% Weibull Probability) (50% Weibull Probability)	2.76 GPa 3.45 GPa
	Fatigue Resistance Parameter (N_d)		≥ 20
	Peak Coating Strip Force		1.3~8.9 N
Environmental Characteristics	Temperature Cycling Induced Attenuation (-60℃ ~ +85℃)	@850nm，1300 nm	≤ 0.1 dB/km
	Damp Heat Dependence Induced Attenuation (+85±2℃, 85%RH,30days)	@850nm，1300 nm	≤ 0.2 dB/km
	Temperature-humidity Cycling Induced Attenuation (-10~85℃，90%RH)	@850nm，1300 nm	≤ 0.2 dB/km
	Water-soak dependence Induced Attenuation (23±2℃，30days)	@850nm，1300 nm	≤ 0.2 dB/km

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