Optical Fiber
OM1 062 (62.5/125µm Multimode Fiber)
Datasheet: GD046917v8

SPECIFICATION FOR 62.5/125 MULTIMODE OPTICAL FIBER: ISO/IEC 11801 & IEC 60793-2-10 Type A1b SPECIFICATION

OPTICAL PROPERTIES

Attenuation	@ 850 nm @ 1300 nm	≤ 3.2 dB/km ≤ 0.8 dB/km
Overfilled Modal Bandwidth	@ 850 nm @ 1300 nm	≥ 200 MHz.km ≥ 500 MHz.km
Numerical Aperture		0.275 ± 0.015
Attenuation Uniformity	Point or Step Defects Extended Variations	≤ 0.2 dB ≤ 0.2 dB
Group Index of Refraction	850 nm (Typical) 1300 nm	1.495 1.490

GEOMETRICAL PROPERTIES

Core	62.5 ± 2 µm
Core Non-Circularity	≤ 5.0 %
Core/Cladding Concentricity Error	≤ 1 µm
Cladding Diameter	125.0 ± 1.0 µm
Cladding Non-Circularity	≤ 0.7 %
Coating Diameter	245 ± 10 µm
Coating Concentricity Error	≤ 12.5 µm
Coating Non-Circularity	≤ 6 %

MECHANICAL PROPERTIES

Proof Test Level	≥ 0.69 GPa / ≥ 1.0 %

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