

MULTIMODE FIBRES PROPERTIES

	MM62,5 IEC 60793-2-10 Type A1b Telcordia GR-20- CORE	MM50 ITU-T G651.1 IEC 60793-2-10 Type A1a.1 Telcordia GR-20- CORE	MM50-OM3 ISO/IEC 11801 IEC 60793-2-10 Type A1a.2 Telcordia GR-20- CORE	MM50-OM4 ISO/IEC 11801 IEC 60793-2-10 Type A1a.2 Telcordia GR-20- CORE
Core Diameter	62,5±2 μm	50±2 μm	50±2 μm	50±2 μm
Core non-circularity	≤ 5 %	≤ 5 %	≤ 5 %	≤ 5 %
Cladding diameter	125±1,0 μm	125±1,0 μm	125±1,0 μm	125±1,0 μm
Coating diameter	242±5 μm	242±5 μm	242±5 μm	242±5 μm
Cladding non-circularity	≤ 0,7 %	≤ 0,7 %	≤ 0,7 %	≤ 0,7 %
Core/Cladding concentricity error	≤ 1,0 μm	≤ 1,0 μm	≤ 1,0 μm	≤ 1,0 μm
Coating/cladding concentricity error	≤ 10 μm	≤ 6 μm	≤ 6 μm	≤ 6 μm
Numerical Aperture	0,275 ± 0,015 μm	0,200 ± 0,015 μm	0,200 ± 0,015 μm	0,200 ± 0,015 μm
Attenuation @ 850 nm	≤ 3,50 dB/km	≤ 2,80 dB/km	≤ 2,80 dB/km	≤ 2,80 dB/km
Attenuation @ 1300nm	≤ 1,00 dB/km	≤ 0,80 dB/km	≤ 0,80 dB/km	≤ 0,80 dB/km
Bandwidth @ 850 nm	≥ 200 MHz*km	≥ 500 MHz*km	≥ 1500 MHz*km	≥ 3500 MHz*km
Bandwidth @ 1300 nm	≥ 500 MHz*km	≥ 500 MHz*km	≥ 500 MHz*km	≥ 500 MHz*km
Proof test	≥ 100 kpsi	≥ 100 kpsi	≥ 100 kpsi	≥ 100 kpsi