

Fibre, multimode

2_1_32

Optimised for standard and 10 Gigabit Ethernet application

Construction

- Graded index glass/glass optical fibre
- Primary coating with polyacrylate

Standards

Please refer to data sheet "Used Standards 3_0_9"



Optical data (cabled)

Type	Attenuation dB/km 850 nm	Attenuation dB/km 1300 nm	Bandwidth/- length product MHz x km (OFL) 850 nm	Bandwidth/- length product MHz x km (OFL) 1300 nm	Bandwidth/- length product MHz x km (LASER) 850 nm	Numeric aper- ture	DMD character- istics
FG6 - OM1	≤3.5	≤1.0	≥200	≥500	-	0.275±0.02	TIA-492AAAA
FG5 - OM2	≤2.7	≤0.9	≥500	≥500	≥950	0.200±0.02	TIA-492AAAB
FG5M - OM3	≤2.7	≤0.9	≥1500	≥500	≥2000	0.200±0.02	TIA-492AAAC
FG5N - OM4	≤2.7	≤0.9	≥3500	≥500	≥4700	0.200±0.02	TIA-492AAD

Geometric values

Type	Core Ø µm	Cladding Ø µm	Primary coating ø µm	Core non-circularity %	Cladding non-circularity %	Core/sheath concentricity µm
FG6 - OM1	62.5±2.5	125±1.0	245±10	≤5	≤1	≤1.5
FG5 - OM2	50±2.5	125±1.0	245±10	≤5	≤1	≤1.5
FG5M - OM3	50±2.5	125±1.0	245±10	≤5	≤1	≤1.5
FG5N - OM4	50±2.5	125±1.0	245±10	≤5	≤1	≤1.5

These values correspond to following standards

Type	ITU-T G.651 (50/125µm)	DIN VDE 0888	EN 50173	ISO / IEC 11801	IEC 60793	IEEE 802.3ae
FG6 - OM1			X	X	X	
FG5 - OM2	X	X	X	X	X	
FG5M - OM3	X	X	X	X	X	X
FG5N - OM4	X	X	X	X	X	X