

# Fibre, multi-mode - standard

2\_1\_30\_1

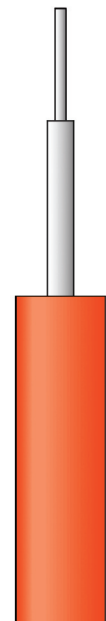
For standard LAN applications

**Construction**

- Graded index glass/glass optical fiber
- 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	Numeric aperture
FG5 - OM2	≤2.7	≤0.8	≥500	≥800	0.200±0.02
FG5F - OM2	≤2.5	≤0.7	≥600	≥1200	0.200±0.02
FG6 - OM1	≤3.5	≤1.0	≥200	≥500	0.275±0.02
FG6A - OM1	≤3.0	≤0.8	≥250	≥800	0.275±0.02

**Geometric values**

Type	Core Ø µm	Cladding Ø µm	Primary coating Ø µm	Core non-circularity %	Cladding non-circularity %	Core/sheath concentricity µm
FG5 - OM2	50±3	125±2	250±15	≤6	≤2	≤1.5
FG5F - OM2	50±3	125±2	250±15	≤6	≤2	≤1.5
FG6 - OM1	62.5±3	125±2	250±15	≤6	≤2	≤1.5
FG6A - OM1	62.5±3	125±2	250±15	≤6	≤2	≤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
FG5 - OM2	x	x	x	x	x
FG5F - OM2	x	x	x	x	x
FG6 - OM1			x	x	x
FG6A - OM1			x	x	x