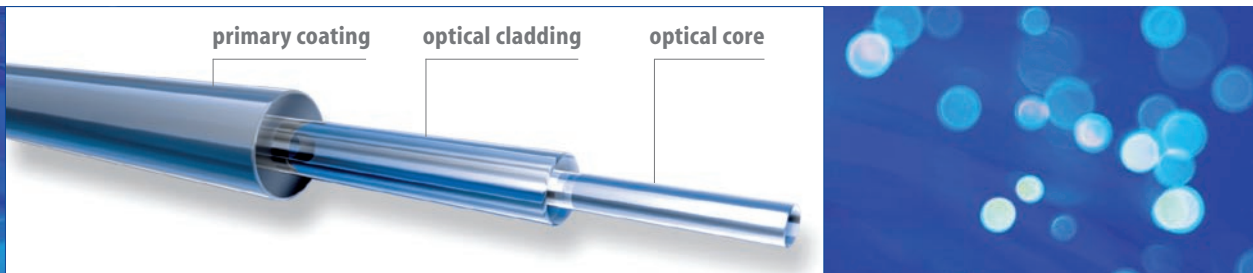


## Multimode fiber G62.5/125



Multimode fiber G62.5/125 acc. to IEC 60 793-2-10

### Geometry/mechanical properties

Core diameter (µm)	62.5 ± 3	Cladding non-circularity (%)	< 1
Cladding diameter (µm)	125 ± 2	Core/Clad concentricity error (µm)	< 1.5
Coating diameter (µm)	245 ± 10	Eccentricity of coating (µm)	< 10
Core non-circularity (%)	< 5	Screen-Test	≥ 100 kpsi

### Transmission properties

	Fiber type K		Fiber type L (OM1)		Fiber type M (OM1)	
Wavelength (nm)	850	1300	850	1300	850	1300
Attenuation max. (dB/km)	3.2	1.0	3.2	0.9	3.0	0.8
Bandwidth min. (MHz · km)	160	500	250	600	300	800
Effective group of refraction	1.497	1.493	1.497	1.493	1.497	1.493
Numerical aperture	0.275 ± 0.020		0.275 ± 0.015		0.275 ± 0.015	

### Applications and link lengths

		G62.5/125		
		K	L	M
Type according to IS 11801: 09/2002			OM1	OM1
Gigabit Ethernet	1000BASE-SX (850 nm)	300 m	350 m	400 m
Gigabit Ethernet	1000BASE-LX (1300 nm)	550 m	550 m	1,000 m