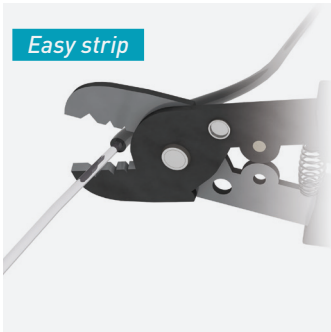
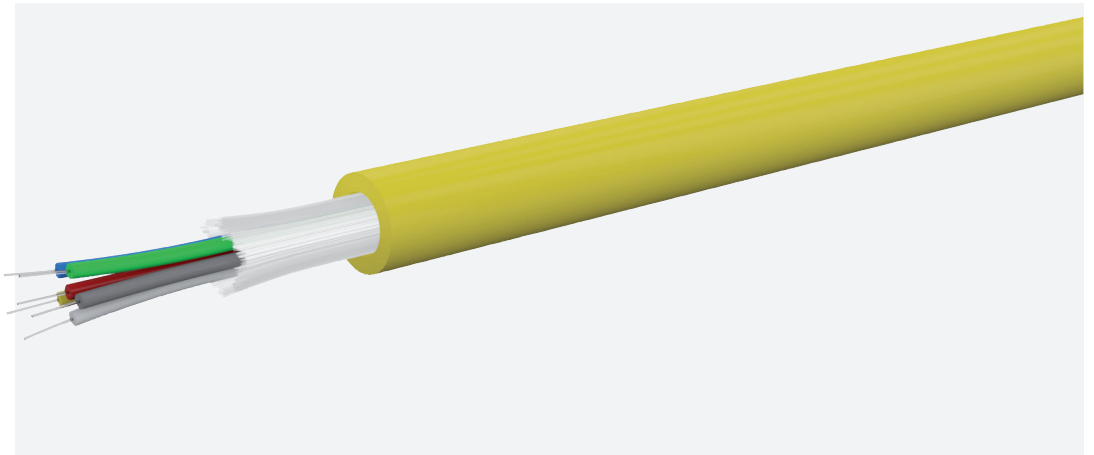




TIGHT BUFFER REINFORCED FIBER OPTIC CABLE



Easy strip



FEATURES

- ▶ Easy strip 900 µm optical fiber
- ▶ Multimode 50/125 OM2, 50/125 OM3, 50/125 OM4, 50/125 OM5 & singlemode 9/125 OS2
- ▶ 4, 6, 8, 12 & 24 fibers
- ▶ MMF fibers compliant to ITU-T G651.1 & IEC 60793-2-10 A1
- ▶ SMF fibers compliant to ITU-T G652B/G652D & IEC 60793-2-50 B1.3
- ▶ OM3 & OM4 fibers integrate bend optimized fiber technology
- ▶ Indoor/Outdoor rated cable with enhanced protection against rodents & swelling rope
- ▶ Low smoke, Zero Halogen Fire Retardant (LSZH-FR) & UV stable
- ▶ EN 13501-6 Fire rating: Cca-s1a, d1, a1
- ▶ Fire tested to EN 50575, EN 50399, EN 60332-1-2, EN 61034-2, EN 60754-2
- ▶ Compliant to IEC 60794-2-20 cable performance requirements
- ▶ IEC 60304 color coded
- ▶ Outer jacket color: orange [OM1/OM2], aqua [OM3], purple [OM4], lime green [OM5] & yellow [OS2]
- ▶ Packing: 2100 m reel

MECHANICAL & ENVIRONMENTAL PROPERTIES

		4 FIBRES	6 FIBRES	8 FIBRES	12 FIBRES	24 FIBRES
Temperature	Operating	-30 °C to +70 °C				
	Storage	-40 °C to +70 °C				
	Installation	-5 °C to +50 °C				
Max. pulling force during installation (N)		800	1100			1800
Crush resistance (N/dm)		2000				
Min. static bending radius (mm)		60	70	78		100
Dynamic min bending radius (mm)		60	70	78		100
Nominal weight (kg/km)		33	45	51	55	85
Nominal diameter (mm)		6	7	7.8		10
Jacket thickness (mm)		1	1.1			

	OM2 50/125	OM3 50/125	OM4 50/125*	OM5 50/125	OS2/G652D 9/125
Bandwidth @850nm (MHz.km)	≥ 500	≥ 2000**	≥ 4700**	≥ 4700	NA
Bandwidth @1300nm (MHz.km)	≥ 500	≥ 500	≥ 500	≥ 2470	NA
Typ. attenuation @850nm (dB/km)	≤ 2.7	≤ 2.7	≤ 2.7	≤ 2.7	NA
Typ. attenuation @1300nm (dB/km)	≤ 0.8	≤ 0.8	≤ 0.8	≤ 0.8	NA
Typ. attenuation @1310nm (dB/km)	NA	NA	NA	NA	≤ 0.36
Typ. Attenuation @1550nm (dB/km)	NA	NA	NA	NA	≤ 0.23
Numerical aperture (μm)	0.2 ±0.0015	0.2 ±0.0015	0.2 ±0.0015	0.2 ±0.015	NA
Core non-circularity	≤ 6 %	≤ 6 %	≤ 6 %	≤ 5 %	NA
Mode field diameter (1310/1550nm - μm)	NA	NA	NA	NA	8.6-9.5 ± 0.7
Cladding diameter (μm)	125 ± 1.0	125 ± 1.0	125 ± 1.0	125 ± 1.0	125 ± 1.0
Cladding non-circularity	≤ 1 %	≤ 1 %	≤ 1 %	≤ 1 %	≤ 1 %
Coating diameter (μm)	245 ± 10	245 ± 10	245 ± 10	255 ± 10	245 ± 10
Core/cladding concentricity error (μm)	≤ 1 μm	≤ 1 μm	≤ 1 μm	≤ 1.5 μm	≤ 0.6 μm
Cut-off wavelength (nm)	NA	NA	NA	NA	≤ 1260
Zero dispersion wavelength (nm)	1295 - 1340	1295 - 1340	1295 - 1340	1295 - 1340	1300 - 1320
GIR @850nm	1.482	1.483	1.483	1.482	NA
GIR @1300nm	1.477	1.479	1.479	1.477	NA
GIR @1310nm	NA	NA	NA	NA	1.467
GIR @1550nm	NA	NA	NA	NA	1.468
PMD individual fiber (ps/√km)	NA	NA	NA	NA	0.1
Chromatic dispersion: 1285-1330nm (ps/nm.km)	NA	NA	NA	NA	≤ 2.8
Chromatic dispersion: 1550nm (ps/nm.km)	NA	NA	NA	NA	≤ 18.0

* On demand / ** EMBC calculation method

PART NUMBERS

	4 FIBRES	6 FIBRES	8 FIBRES	12 FIBRES	24 FIBRES
OM2	GGM F04B50FRST	GGM F06B50FRST	GGM F08B50FRST	GGM F012B50FRST	GGM F024B50FRST
OM3	GGM F04B3FRST	GGM F06B3FRST	GGM F08B3FRST	GGM F012B3FRST	GGM F024B3FRST
OM4	GGM F04B4FRST	GGM F06B4FRST	GGM F08B4FRST	GGM F012B4FRST	GGM F024B4FRST
OM5	GGM F04B5FRST	GGM F06B5FRST	GGM F08B5FRST	GGM F012B5FRST	GGM F024B5FRST
OS2	GGM F04B9FRST	GGM F06B9FRST	GGM F08B9FRST	GGM F012B9FRST	GGM F024B9FRST



ACCESSORIES

P/N	DESCRIPTION
GGM MA037067	Miller®'s MB02 all purpose cable splitter kit with 4 modular tool trays and a fts tube scorer, for GIGAMEDIA cables