

TIGHT BUFFER FIBER OPTIC CABLE



DESCRIPTION

- Easy strip 900 µm optical fiber
- Multimode 62.5/125 OM1, 50/125 OM2, 50/125 OM3, 50/125 OM4 & singlemode 9/125 OS2
- 4, 6, 8, 12 & 24 fibers, IEC 60304 color coded
- 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 water-blocking glass yarns and protection against rodents
- Easy strip fibers
- Low smoke, Zero Halogen Fire Retardant (LSZH-FR) & UV stable
- EN 13501-6 Fire rating : Dca, s2, s2, 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
- Color: black
- Packing : 2100 m reel



CABLE

PERFORMANCES

		4 FIBERS	6 FIBERS	8 FIBERS	12 FIBERS	24 FIBERS
Temperature	Operating	-20 °C to +60 °C				
	Storage					
	Installation					
Max. pulling force during installation (N)		1500				2400
Crush resistance (N/dm)		2000				1000
Min. static bending radius (mm)		50			75	115
Dynamic min bending radius (mm)		100			130	230
Nominal weight (kg/km)		34	36	39	43	63
Nominal diameter (mm)		6,5		7	7,5	8,5

OPTICAL PERFORMANCES

	OM1	OM2	OM3
Attenuation @ 850/1300 nm (dB/km)	$\leq 3.2 / \leq 1.0$	$\leq 2.7 / \leq 0.8$	$\leq 3.0 / \leq 1.0$
Bandwidth @ 850/1300 nm (MHz/km)	$\geq 200 / \geq 600$	$\geq 500 / \geq 500$	$\geq 1500 / \geq 500$
Refractive index @ 850 nm	1.496		1.482
Refractive index @ 1300 nm	1.491		1.477

	OM4
Attenuation @ 850/1300 nm (dB/km)	$\leq 2.3 / \leq 0.5$
Bandwidth @ 850/1300 nm (MHz/km)	$\geq 3500 / \geq 500$
Bandwidth @ 850 nm (EMB) (MHz/km)	≥ 4700
Refractive index @ 850 nm	1.482
Refractive index @ 1300 nm	1.477

	OS2
Attenuation 1310/1550 nm (dB/km)	$\leq 0.39 / \leq 0.25$
Bandwidth @ 1310/1550 nm (MHz/km)	$\geq 10\ 000$
Refractive index @ 1310 nm	1.467
Refractive index @ 1550 nm	1.468

NB: THE FULL FIBER SPECIFICATIONS ARE AVAILABLE ON REQUEST.

PART NUMBERS

	4 FIBERS	6 FIBERS	8 FIBERS	12 FIBERS	24 FIBERS
OM1	GGM F04B62ST	GGM F06B62ST	GGM F08B62ST	GGM F012B62ST	GGM F024B62ST
OM2	GGM F04B50ST	GGM F06B50ST	GGM F08B50ST	GGM F012B50ST	GGM F024B50ST
OM3	GGM F04B0M3ST	GGM F06B0M3ST	GGM F08B0M3ST	GGM F012B0M3ST	GGM F024B0M3ST
OM4	GGM F04B0M4ST	GGM F06B0M4ST	GGM F08B0M4ST	GGM F012B0M4ST	GGM F024B0M4ST
OS2	GGM F04B9ST	GGM F06B9ST	GGM F08B9ST	GGM F012B9ST	GGM F024B9ST