

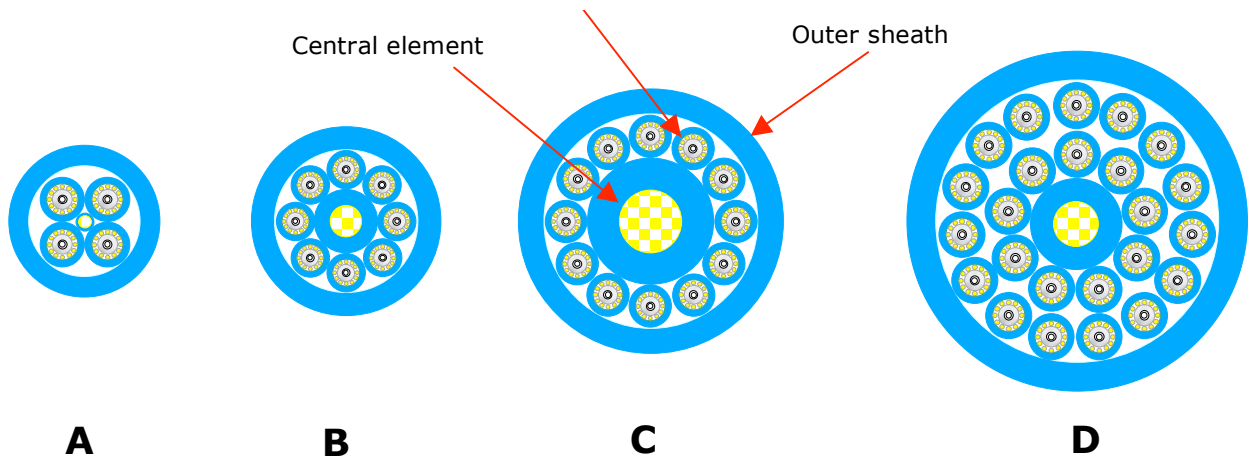
PRODUCT DATA SHEET

MULTI TIGHT BREAKOUT OPTICAL CABLE INDOOR- ALL DIELECTRIC

MTGB SERIES

CONSTRUCTION TYPE

Fibre tight with aramidic protection and inner sheath



DESCRIPTION

MTGB is a multi tight optical fiber cable specifically designed for breakout applications.

Designed around a central core element, each fiber features a 0.9 mm tight coated coloured fiber, strengthened by aramid yarns and featuring individual LSZH inner sheath.

MTGB is available with 2, 4, 8, 12 and 24 fiber capacity, SM/R, 50/125 or 62.5/125, and with standard blue LSZH outer jacket.

CONSTRUCTION

Fiber Count	Structure Type	Simplex		Fibers/ Tube
		Total	Filler	
2	A	2	2	1
4	A	4	0	1
8	B	8	0	1
12	C	12	0	1
24	D	24	0	1

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CONSTRUCTION DETAILS

Tube:	Tight tube \varnothing 0,9 mm
Reinforcing	Aramid yarns
Inner sheath	LSZH numbered \varnothing 2,0 mm
Assembling:	Thermoplastic resin coated glassline or aramidic yarns + n. Simplex stranded
Jacket:	Blue LSZH flame retardant

PHYSICAL CHARACTERISTICS (WEIGHTS AND DIMENSIONS)

Fiber count	Nominal diameter	Nominal weight
2	6,80 mm	45 kg/km
4	6,80 mm	45 kg/km
8	9,50 mm	90 kg/km
12	12,60 mm	165 kg/km
24	15,00 mm	210 kg/km

MECHANICAL TESTS

	4 fibers	8 fibers	12 fibers	24 fibers
Tensile performance[N]	500	1000	2000	4000
Crush [N/100mm]:	1000 N/100mm			
Impact energy [J]:	10			
Temperature cycling:	-20°C ÷ +60°C			
Water penetration:	3m cable, 1m water, 24h			

PACKING

Wooden drums, 2100 mtrs, \pm 3%