

8 ELEMENT DUCT CABLE UP TO 96 FIBRES FTL4 - E

The cable consists of 8 elements stranded in one layer around a coated Glass Reinforced Plastic (GRP) central member. The elements are a combination of water blocked loose tubes (each containing up to twelve optical fibres), and fillers to give the required fibre count. The cable core interstices are dry water blocked. The core is wrapped with binders (as required to aid manufacture). A ripcord is applied longitudinally over the cable core, followed by an over-sheath of black polyethylene.

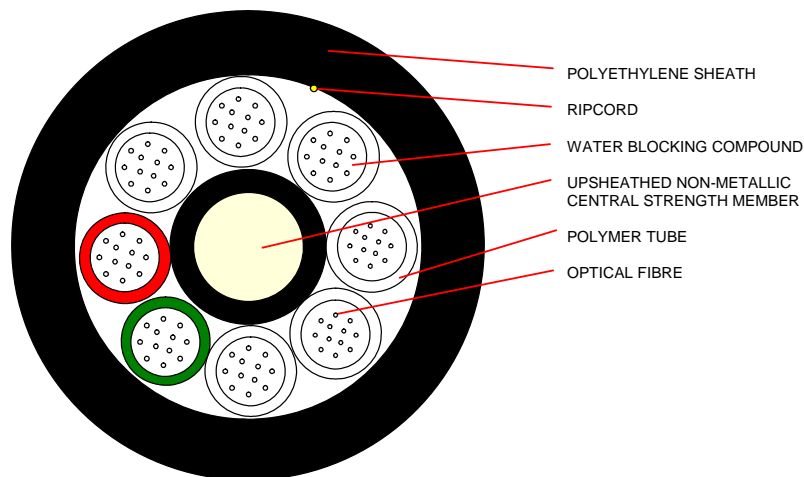
The sheath is marked in one plane, at 1 metre intervals, with the following legend:

—||| M + ffff F G652D logo yyyy

||| - Sequential Length Mark
 ffff - Fibre Count
 logo - PRYSMIAN PGH
 yyyy - Year of Manufacture

Technical Details

Tube Diameter (nominal)	: 1.5 mm	
Jacket Thickness (nominal)	: 0.5 mm	
Cable Diameter (nominal)	: 6.5 mm	
Cable Weight (nominal)	: 40 kg/km	
Tensile Strength	: 500N	IEC 60794-1-2 E1A and E1B
Minimum Bend Diameter	: 200mm (static) 280mm (dynamic)	IEC 60794-1-2 E11
Repeated bend	: 25 cycles	IEC 60794-1-2 E6
Crush Performance	: 500 N	IEC 60794-1-2 E3
Impact Performance	: 0.5 J	IEC 60794-1-2 E4
Temperature Performance	: -30°C to +70°C Operating*	IEC 60794-1-2 F1
Fibre Type	: Singlemode PrimaLight (200µm) G.652.D (HD)	
Max delivery length	: 6000m	



Fibre Count	Elements							
	1	2	3	4	5	6	7	8
96	R12FT	N12FT	N12FT	N12FT	N12FT	N12FT	N12FT	G12FT

R12FT = Red 12 Fibre Tube, G12FT = Green 12 Fibre Tube, N12FT = Natural 12 Fibre Tube.
 Fibre Colours: Blue, Orange, Green, Red, Grey, Yellow, Brown, Violet, Black, White, Pink, Turquoise.

* $T_{A2} - T_{B2}$ average increment ≤ 0.15 db/km