

Optical Cable Specifications

Cable Description

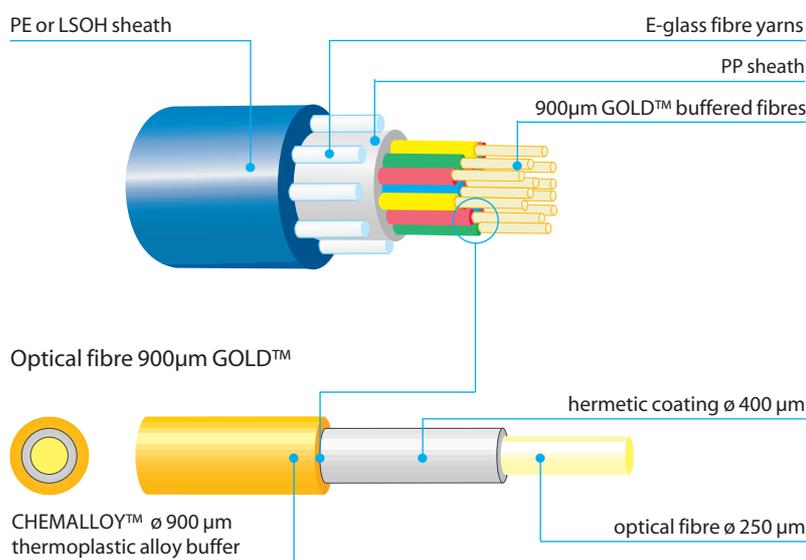
Non-metallic armoured waterproof fibre cable, gel free easy strip, double sheath

Applications

1. Outdoor duct
2. Direct burial
3. Under water

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Strength member :	rodent resistant embedded E-glass fibre yarns
Inner sheath :	water resistant Polypropylene (PP)
Fibre :	waterproof 900µm GOLD™ fibre, 400µm hermetic coating



Cable characteristics

	COS 9	COS 12	COS 15	COS 18
Number of fibres (n)	2 to 8	10 to 12	14 to 24	26 to 36
Outer diameter (mm)	9	12	15	18
Weight (kg/km)	60	90	120	150
Minimum bend radius (mm)	90	120	150	180
Tensile resistance (N)	1000	1200	1500	1800
Crush resistance (N)	1000	1500	2000	2500
Operating temperature (°C)	-30 to +70			

Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	1-4 km
Standard cable colour :	Blue (other colours on request for 4 km and over)
Standard cable marking :	OCT, cable reference, metre marking, production date (other markings on request for 4 km and over)