

# Optical Cable Specifications

## Cable Description

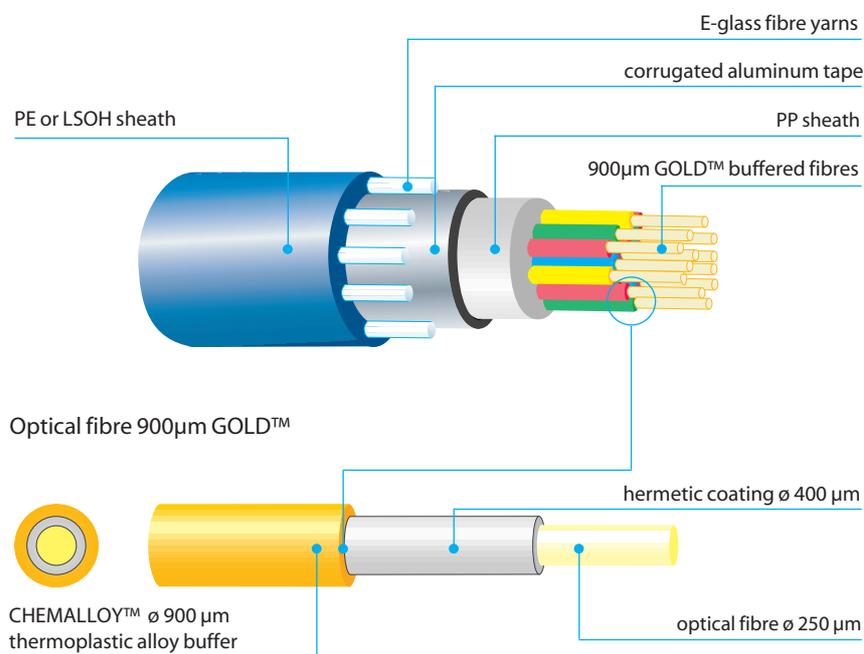
Metallic armoured waterproof fibre cable, gel free easy strip, double sheath

## Applications

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

### Cable designs

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



### Cable characteristics

	COSZ9	COSZ15
Number of fibres (n)	2 to 8	10 to 24
Outer diameter (mm)	10	15
Weight (kg/km)	70	120
Minimum bend radius (mm)	90	150
Tensile resistance (N)	1500	2000
Crush resistance (N)	2000	3000
Operating temperature (°C)	-40 to +85	

### Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	1- 2km
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)