

Optical Cable Specifications

Cable Description

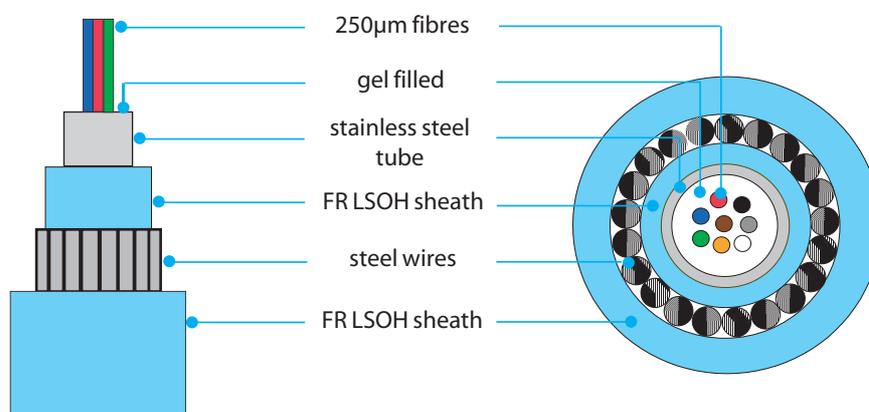
Steel wire armoured fire resistant optical cable

Applications

Fire resistant and flame retardant compliance installations

Cable designs

Outer sheath :	FR Low Smoke Zero Halogen (LSOH), 1.5 mm thick
Armouring :	galvanised steel wires, 1mm OD
Inner sheath :	FR Low Smoke Zero Halogen (LSOH), 1 mm thick
Unitube :	stainless steel tube, $\geq 2.8\text{mm}$ OD
Tube filling :	waterproof jelly compound
Fibre :	250 μm fibres



Cable characteristics

	OFR-SW9	OFR-SW10
Number of fibres (n)	2 to 24	26 to 48
Outer diameter (mm)	9	10
Weight (kg/km)	160	180
Minimum bend radius (mm)	120	135
Tensile resistance (N)	6000	6000
Crush resistance (N)	6000	6000
Operating temperature (°C)	-40 to +90	

Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	Multiple of 1km up to 6km
Standard cable colour :	Blue & black (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)