

Optical Cable Specifications

Cable Description

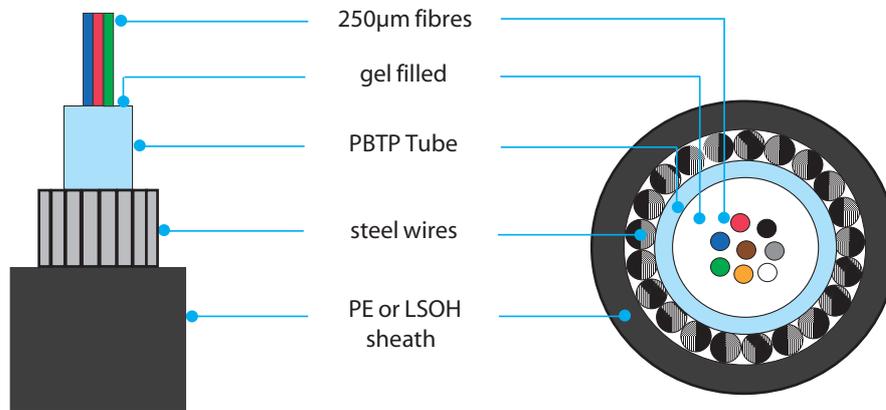
Steel wire armoured optical cable, gel filled unitube

Applications

1. Direct burial
2. Outdoor duct

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH) 1.5 mm thick
Armouring :	galvanised steel wires, 1mm OD, 16pcs
Loose tube :	Polybutylene Terephthalate (PBTP)
Tube filling :	waterproof jelly compound
Fibre :	250µm fibres



Cable characteristics

	OSW-U9
Number of fibres (n)	2 to 24
Outer diameter (mm)	9
Weight (kg/km)	150
Minimum bend radius (mm)	90
Tensile resistance (N)	3000
Crush resistance (N)	3000
Operating temperature (°C)	-30 to +70

Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	Multiple of 1km up to 6km
Standard cable colour :	Black (other colours on request for 10 km and over)
Standard cable marking :	OCT, cable reference, metre marking, production date (other markings on request for 10 km and over)