

Optical Cable Specifications

Cable Description

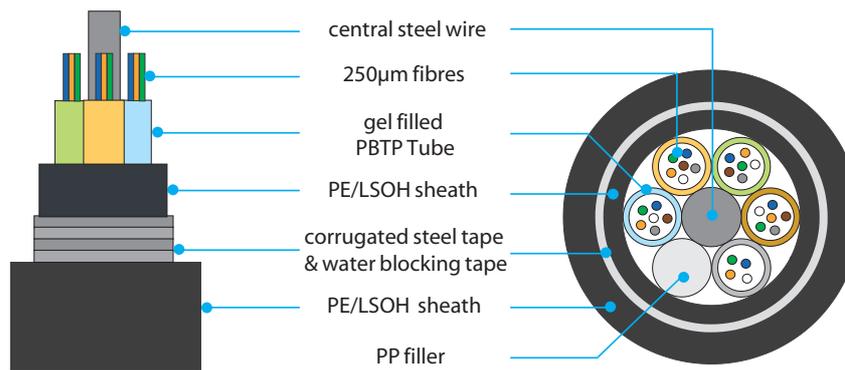
Corrugated steel tape armoured optical cable, gel filled stranded loose tube, central steel wire strength member, double sheath

Applications

Direct burial

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH) 2mm thick
Armouring :	corrugated steel tape, 0.15mm thick
Water barrier :	water blocking tape and gel filling compound
Inner sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Loose tube :	PBTP, 5 or 6 units (8 for high fibre count)
Central strength member :	galvanised steel wire, 1.6 to 2.25mm OD
Filler :	Polypropylene (PP) for low fibre count
Fibre :	250µm fibres



Cable characteristics

	OSTA-C13	OSTA-C15	OSTA-C16
Number of fibres (n)	2-36	38-72	74-96
Outer diameter (mm)	13	15	16
Weight (kg/km)	190	240	270
Minimum bend radius (mm)	130	150	160
Tensile resistance (N)	3000	3000	3000
Crush resistance (N)	3000	3000	3000
Operating temperature (°C)		-40 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)