

Optical Cable Specifications

Cable Description

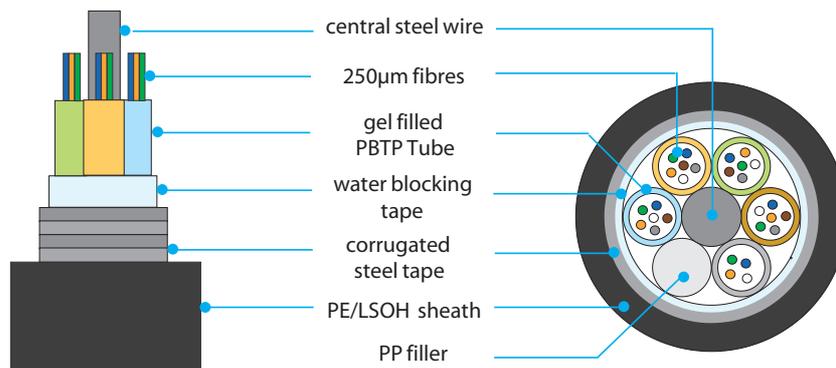
Corrugated steel tape armoured optical cable, gel filled stranded loose tube, central steel wire strength member

Applications

1. Outdoor duct
2. 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
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-CL10	OSTA-CL11	OSTA-CL14
Number of fibres (n)	2-36	38-72	74-96
Outer diameter (mm)	10	11	14
Weight (kg/km)	120	160	240
Minimum bend radius (mm)	100	110	140
Tensile resistance (N)	1500	1500	3000
Crush resistance (N)	1000	1000	1000
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)