

Optical Cable Specifications

Cable Description

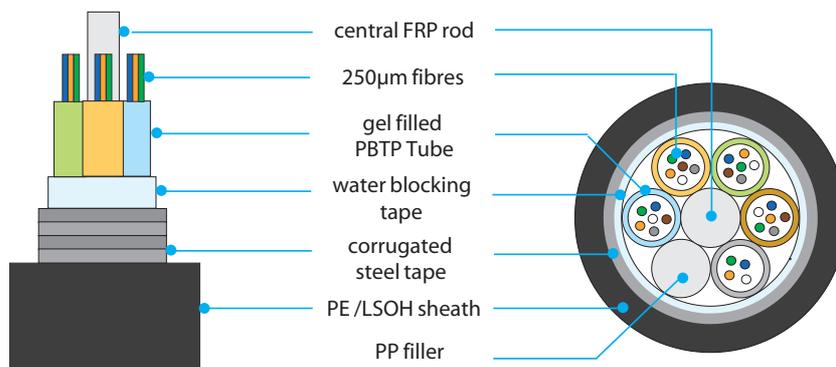
Corrugated steel tape armoured optical cable, gel filled stranded loose tube, central FRP strength member

Applications

Outdoor 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, 2.1mm OD, 6 units (8 for high fibre count)
Central strength member :	FRP rod, 2.25 to 3.7mm OD
Filler :	Polypropylene (PP) for low fibre count
Fibre :	250µm fibres



Cable characteristics

	OSTA-CLF11	OSTA-CLF13	OSTA-CL15
Number of fibres (n)	2-36	38-72	74-96
Outer diameter (mm)	11	13	15
Weight (kg/km)	140	200	240
Minimum bend radius (mm)	110	130	150
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 6 km
Standard cable colour :	According to IEC recommendations
Standard cable marking :	OCT, cable reference, metre marking, production date (other markings on request for 10 km and over)