

Optical Cable Specifications

Cable Description

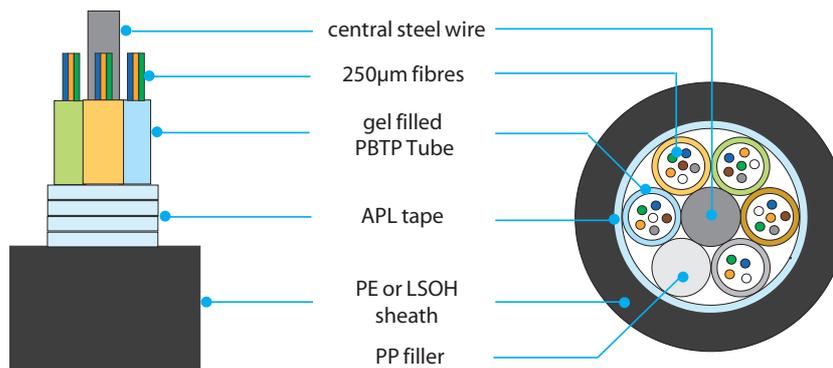
Outdoor optical cable, gel filled stranded loose tube, central steel wire strength member with APL tape

Applications

1. Outdoor duct
2. Indoor duct

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH) 2mm thick
Water barrier :	Aluminum Polyethylene Laminate (APL) tape, 0.15mm
Loose tube :	PBTP, 5 or 6 units (8 for high fibre count)
Tube & cable filling :	waterproof jelly compound
Central strength member :	galvanised steel wire, 1.6 to 2.25mm OD
Filler :	Polypropylene (PP) for low fibre count
Fibre :	250µm fibres



Cable characteristics

	ODUCT-CA10	ODUCT-CA12	ODUCT-CA14
Number of fibres (n)	2-36	38-72	74-96
Outer diameter (mm)	10	12	14
Weight (kg/km)	100	140	180
Minimum bend radius (mm)	100	120	140
Tensile resistance (N)	1500	3000	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 4km
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)