

Optical Cable Specifications

Cable Description

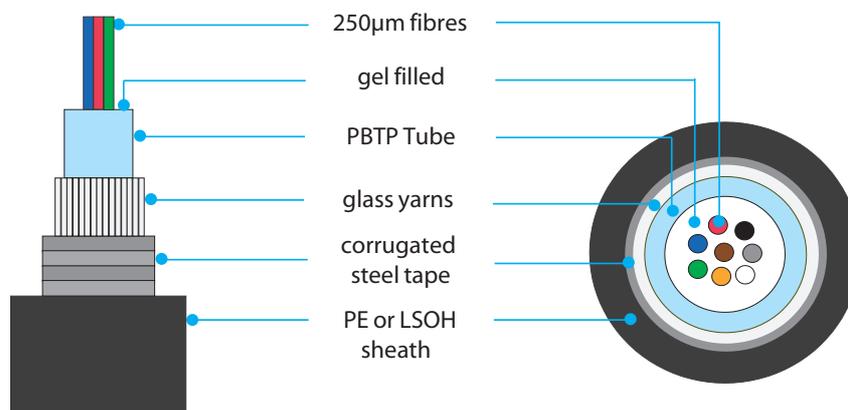
Corrugated steel tape armoured optical cable, gel filled unitube, aramid or glass fibre yarns strength members

Applications

1. Direct burial
2. Outdoor duct

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH) 1.5 mm thick
Armouring :	0.15mm steel tape ≥ 3mm overlap width
Strength member :	aramid or glass fibre yarns
Loose tube :	Polybutylene Terephthalate (PBTP)
Tube filling :	waterproof jelly compound
Fibre :	250µm fibres



Cable characteristics

	OSTA-U9
Number of fibres (n)	2 to 12
Outer diameter (mm)	9
Weight (kg/km)	90
Minimum bend radius (mm)	90
Tensile resistance (N)	1000
Crush resistance (N)	2000
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)

The Spirit of Innovation

"Bridging secured communications with better cables & customer services."