

Optical Cable Specifications

Cable Description

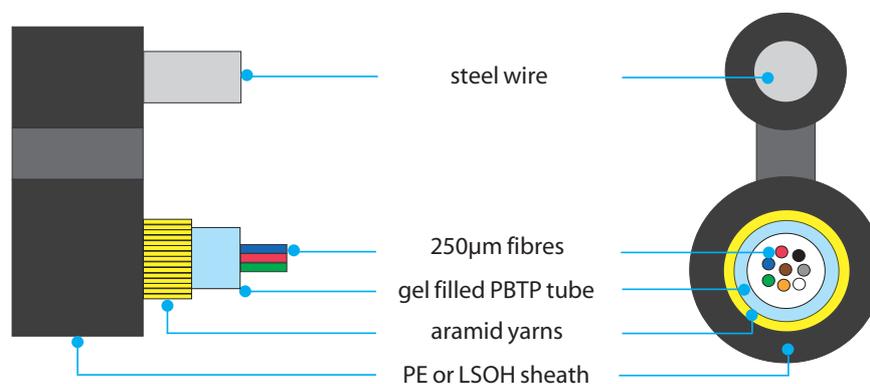
Light weight messenger aerial (figure-8) optical cable, gel filled unitube, aramid yarns strength members

Applications

Aerial

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Messenger wire :	OD galvanised steel wire, 1.6mm OD
Strength member :	aramid yarns
Loose tube :	Polybutylene Terephthalate (PBTP)
Tube filling :	waterproof jelly compound
Fibre :	250µm fibres



Cable characteristics

	OML5
Number of fibres (n)	2 to 12
Outer diameter (mm)	3.5/5
Weight (kg/km)	50
Minimum span length (m)	50
Cable separation (m)	1.5
Tensile resistance (N)	1000
Operating temperature (°C)	-30 to +70

Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	1 km & 2 km
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)