

Optical Cable Specifications

Cable Description

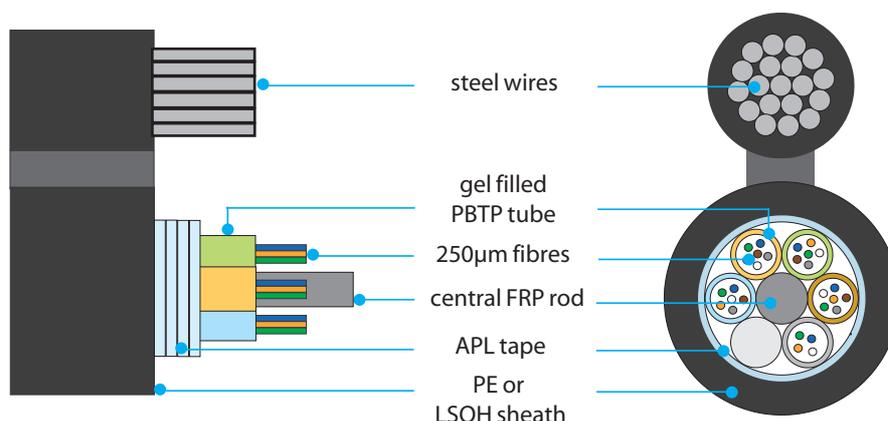
Messenger aerial (Figure-8) optical cable, gel filled stranded loose tube, central FRP rod with APL tape

Applications

Aerial (heavy duty)

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Messenger wire :	galvanised steel wires, 0.8mm OD, 19pcs
Water barrier :	Aluminum Polyethylene Laminate (APL) tape, 0.15mm
Central strength member :	Fibre Reinforced Plastic (FRP) rod, 2.25mm OD
Loose tube :	Polybutylene Terephthalate (PBTP)
Tube filling :	waterproof jelly compound
Fibre :	250µm fibres



Cable characteristics

	OMA22
Number of fibres (n)	2 to 48
Outer diameter (mm)	11/22
Weight (kg/km)	270
Minimum span length (m)	50
Cable separation (m)	3
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 :	1km & 2km
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)