

Optical Cable Specifications

Cable Description

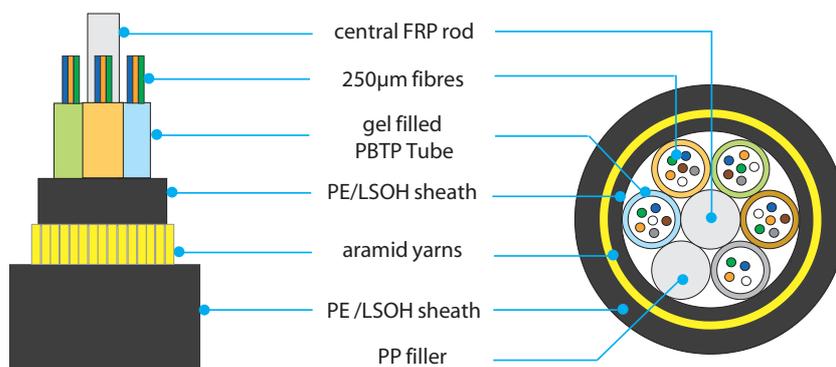
All dielectric self-supporting aerial optical cable, gel filled stranded loose tube, central FRP strength member

Applications

Aerial (long span lengths)

Cable designs

Outer sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Strength member :	aramid yarns, Twaron 3320 dTex
Inner sheath :	Polyethylene (PE) or Low Smoke Zero Halogen (LSOH)
Loose tube :	Polybutylene Terephthalate (PBTP)
Cable & tube filling :	waterproof jelly compound
Central strength member :	Fibre Reinforced Plastic (FRP) rod
Filler :	Polypropylene (PP) for low fibre count
Fibre :	250µm fibres



Cable characteristics

	ODS
Number of fibres (n)	2-60
Outer diameter (mm)	12-16
Weight (kg/km)	120-160
Minimum span length (m)	100
Minimum bend radius (mm)	120-160
Tensile resistance (N)	4000-6000
Crush resistance (N)	1000
Operating temperature (°C)	-30 to +70

Additional technical information

Optical fibres :	Refer to OCT fibre specifications for details
Standard continuous length :	Multiple of 1 km up to 4 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)