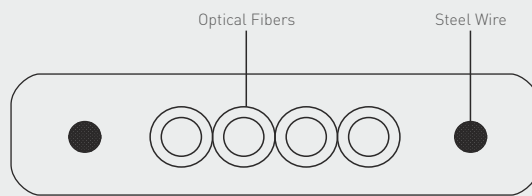
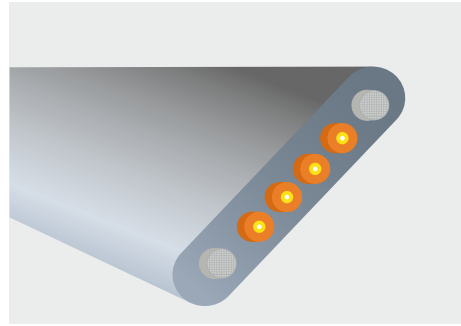


Fiber Optic Flat Elevator Cable

Norden Elevator Suspension Cable is used in mobile laying applications. It is mainly used for signal transmission cable for elevator equipment in reciprocating motion for a long time. The cable is constructed with 4 Core Fibre , Steel wire giving strength to the cable and PVC insulation and TPE jacket material.



CONSTRUCTION

Optical Fiber	
No. of Core	4
Fiber Type	Singlemode (G652.D/G657.A1/G657.A2) , Multimode (OM4)
Insulation Material	PVC
Insulation Diameter	2.0 ± 0.1 mm
Insulation Color	Yellow

Outer Cable Details	
Outer Jacket Material	TPE
Jacket O.D	4.0 ± 1 x 18 ± 1.5 mm
Strength Member	Galvanized Steel Wire
No. of Steel Wire	2
Steel Wire Diameter	1.8 mm

ELECTRICAL & OTHER CHARACTERISTICS :

Characteristics	Value
Working Voltage	30 V
Max. Tensile Strength	3000N
Crush Load	1500 N/100mm
Min.Bending Radius	Operation : 20D Installation : 30D
Temperature Rating	Operating Temp : -20°C to +70°C Installation Temp : -10°C to +50°C
Flame Resistance	IEC60332-1

Fiber Optic Flat Elevator Cable

FIBER CHARACTERISTICS

Characteristics	Value
Cladding diameter	124.8 ± 0.7 µm
Cladding non-circularity	≤ 0.7 %
Coating diameter	254 ± 5 µm
Coating-cladding concentricity error	≤ 12.0 µm
Coating non-circularity	≤ 6.0 %
Core-cladding concentricity error	≤ 0.5 µm
Curl (radius)	≥ 4 m
Attenuation Coefficient	OS2 : @1550 nm ≤ 0.25dB/km @1310 nm ≤ 0.36 dB/km OM4 : @850 nm ≤ 3.5 dB/km @1300 nm ≤ 1.5 dB/km
Mode field diameter (MFD)	@1550 nm : 10.4 ± 0.5 µm @1310 nm : 9.2 ± 0.4 µm
Effective group index of refraction	@1550 nm : 1.467 @1310 nm : 1.466
Point discontinuities	@1550 nm : ≤ 0.05 dB @1310 nm : ≤ 0.05 dB
Zero dispersion wavelength	1312 ± 10 nm
Zero dispersion slope	≤ 0.090 ps/nm ² .km
Cable cutoff wavelength λ _c	≤1260 nm

ORDERING INFORMATION

Part Number	Description	Standard Length
4003-W6004OS2CL-7	4 Core (1F/T) SM OS2 Fibre Optic Flat Elevator Cable	500 Meter
4003-W6004OM4CL-7	4 Core (1F/T) MM OM4 Fibre Optic Flat Elevator Cable	500 Meter