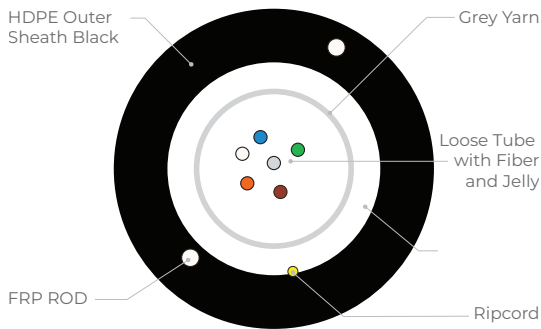


HDX K Series 4C SM UA Fiber Optic Cable



Environmental

Temp. Performance Installation	-40°C to +70°C
Service	-40°C to +70°C
Storage	-40°C to +70°C

Physical Parameters

Cable length (km)	2 ± 5 %
Cable type	G657A2
Order Tolerance	±5 %
Printing details	As Per Requirement

Mechanical

Tensile strength	1500 N
Minimum Bend Radius	
Short Term	12 x D
Long Term	20 x D
Crush Resistance	1500 N / 10cm
Impact strength	10 Nm.
Torsion	±180°

Color Details

Optical Fibre Colour	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua as applicable (Ring marking fibers are applicable for 24F loose Tube)
Loose Tube Colour	Natural
Sheath Colour	Black

Cable Construction Details

Fiber Count	Loose Tube Diameter	Overall Cable Diameter	Cable Weight (Kg/Km)
2	2.5 ± 0.2 mm	6.5 ± 0.3 mm	40 ± 5 Kg
4	2.5 ± 0.2 mm	6.5 ± 0.3 mm	40 ± 5 Kg
6	2.5 ± 0.2 mm	6.5 ± 0.3 mm	40 ± 5 Kg
8	2.5 ± 0.2 mm	6.5 ± 0.3 mm	40 ± 5 Kg
12	2.5 ± 0.2 mm	6.5 ± 0.3 mm	40 ± 5 Kg
24	3.5 ± 0.2 mm	7.5 ± 0.3 mm	50 ± 10 Kg



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Product Information

Element	Nos.	Material	Values	
Loose Tube				
Single Mode Optical Fibre	1 No.	ITU-T G652 D/ G.657 A1 or ITU-T OM3/OM4	1310 nm : ≤ 0.35 dB/km & 1550 nm : ≤ 0.22 dB/km	
Multi Mode Optical Fibre				
Filling Jelly		Thixotropic jelly	1300 nm : ≤ 1.0 dB/km & 850 nm : ≤ 3.0 dB/km	
Loose Tube		PBTP		
Core				
Peripheral Strength Member-I	2 Nos.	Glass Yarns	0.8 mm	Nominal Diameter
Peripheral Strength Member-II		FRP Rod		
Cable				
Ripcord	1 No.	Polyester Twisted Yarn	1.7 mm	Under Sheath
Sheathing		HDPE		Nominal Thickness

Ordering Information

Model	Description
HX-KP-S2-FC004	Extell HX K Series 4C Unitube Loose Tube with FRP Rod and Glass Yarn, Un armored HDPE, SM, G657A2

