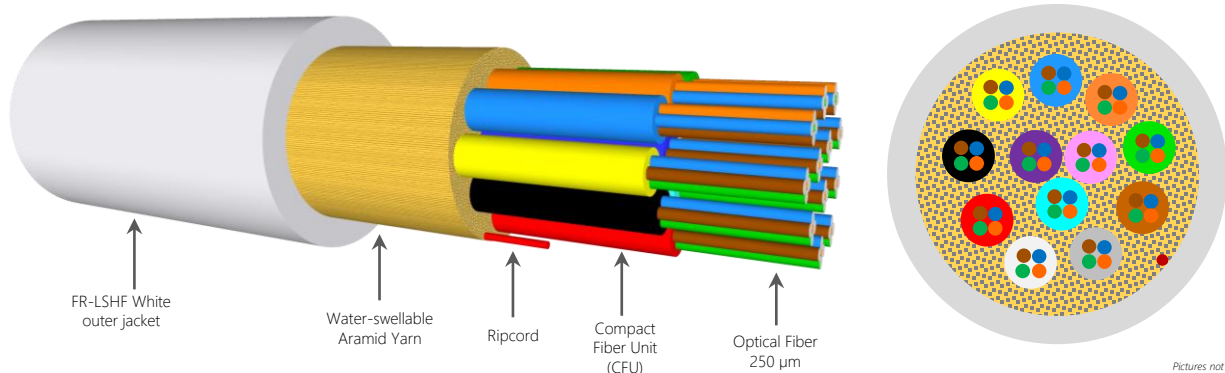


Premise Distribution Cable

Cable is lightweight, sub-unitized with high count of fibers in small diameter for using in data centres



Pictures not to scale

CABLE DESCRIPTION

Optical fibers: 2 or 4 fibers in CFU 900 µm
 Strength members: Water-swellable Aramid Yarn
 Outer Sheath: UV stabilized Thermoplastic FR-LSHF compound according to 7655:6.1 LTS 1 and DIN VDE 0207, part 24, type HM2

Fiber count: 12, 16, 24, 36, 48
 Fiber Type: G.657.A1, G.657.A2
 Fiber color: Blue, Orange, Green, Brown
 CFU color: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
 Sheath color: White (other colors available on request)

Cable Code (Ordering Code)	Fiber count	Construction	Cable outer diameter	Sheath thickness	Calculated weight
OPK-U-DSTS-12(3x0,9)CFUAH-xx-yy	12	3×4	5,2 mm	1,1 mm	26 kg/km
OPK-U-DSTS-12(6x0,9)CFUAH-xx-yy	12	6×2	6,1 mm	1,1 mm	32 kg/km
OPK-U-DSTS-16(4x0,9)CFUAH-xx-yy	16	4×4	5,5 mm	1,1 mm	28 kg/km
OPK-U-DSTS-24(6x0,9)CFUAH-xx-yy	24	6×4	6,1 mm	1,1 mm	33 kg/km
OPK-U-DSTS-32(8x0,9)CFUAH-xx-yy	32	8×4	6,4 mm	1,1 mm	38 kg/km
OPK-U-DSTS-48(12x0,9)CFUAH-xx-yy	48	12×4	6,6 mm	1,1 mm	43 kg/km

xx – Jacket color, yy – fiber type (see Cable code datasheet)

Properties

Max. attenuation SMF @1310nm	0,4	[dB/km]
Max. attenuation SMF @1550nm	0,3	[dB/km]
Max. attenuation SMF @1625nm	0,4	[dB/km]
Tensile strength (EN 60794-1-2-E1)	1000	[N]
Max. compressive loading (EN 60794-1-2-E3)	1500	[N]
Max. impact loading (EN 60794-1-2-E4)	5	[N.m]
Min. bend radius not load (EN 60794-1-2-E11)	15	[mm]
Min. bend radius load (EN 60794-1-2-E11)	25	[mm]
Storage temperature range (EN 60794-1-22-F1)	-40 to +70	[°C]
Operating temperature range	-30 to +60	[°C]
Installation temperature range	-5 to +50	[°C]
Class of fire reaction (EN 13501-6)	E _{ca}	
Marking Method	Ink-Jet	
Print color	Black	
Print legend	OPK –cable type – lot number- length marking per 1 m (customer print legend available on request)	
Delivery length	2100 m ±5% on plywood reel	