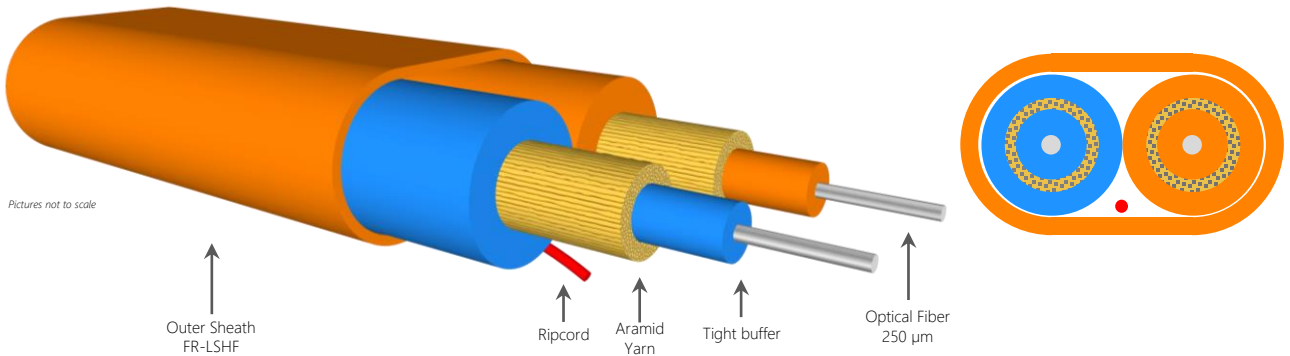


## Flat Twin Cable

For indoor general purpose, e.g. patch cords, office LAN connections or point-to-point interconnection.



### CABLE DESCRIPTION

Optical fibers: SM or MM fiber in 900 µm tight buffer  
 Strength members: Aramid Yarn  
 Inner Sheath: Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2  
 Ripcord: Placed between simplexes for easier outer sheath removal  
 Outer Sheath: Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2

Fiber count: 2  
 Fiber Type: G.652., DG.657.A1, G.657.A2, G.657.B3., G.655, OM1, OM2, OM2+, OM3, OM4, OM5  
 Fiber colors: Natural  
 Buffer colors: Blue, Orange  
 Simplex colors: Blue, Orange  
 Sheath color: OS1/OS2 – Yellow, NZDF – Blue, OM1 – Orange, OM2 – Orange, OM3, OM4 – Turquoise, OM5 – Lime Green

### 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]
Max. attenuation MMF @850nm	3,5	[dB/km]
Max. attenuation MMF @1300nm	1,5	[dB/km]
Tensile strength (EN 60794-1-2-E1)	360	[N]
Max. compressive loading (EN 60794-1-2-E3)	Unit 2,0 500 Unit 2,4 / 2,8 1000	[N]
Max. Impact loading (EN 60794-1-2-E4)	5	[J]
Min. bend radius not load (EN 60794-1-2-E11)	10	[mm]
Min. bend radius load (EN 60794-1-2-E11)	20	[mm]
Storage temperature range (EN 60794-1-22-F1)	-20 to +60	[°C]
Operating temperature range	tight buffer free buffer	-20 to +60 -5 to +50 [°C]
Installation temperature range	-5 to +50	[°C]
Class if fire reaction (EN 13501-6)	F <sub>ca</sub>	
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 with accuracy ± 5% on plywood reel	

Cable Code (Ordering Code)	Fiber count	Simplex diameter	Cable outer diameter	Calculated weight
OPK-1-DHX-2(2x2,0)x9AHH-xx-yy	2	2,0 mm	3,2 x 5,2 mm	21 kg/km
OPK-1-DHX-2(2x2,4)x9AHH-xx-yy	2	2,4 mm	3,5 x 5,8 mm	29 kg/km
OPK-1-DHX-2(2x2,8)x9AHH-xx-yy	2	2,8 mm	4,1 x 7,0 mm	38 kg/km

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