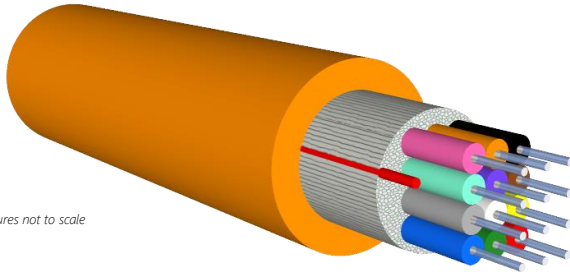


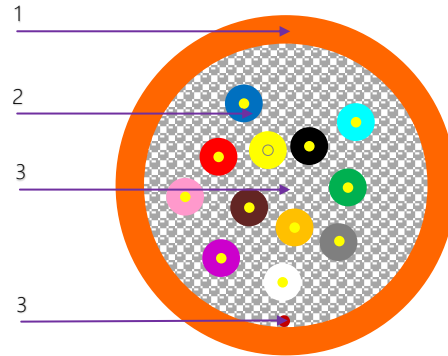
Distribution Cable

26/06/2017

- for indoor and outdoor use
- for inter-building and intra -building backbone cabling



Pictures not to scale



1. UV stable FR-LSHF outer jacket
2. Tight buffered optical fiber
3. Water swellable Glass yarn
4. Rip-Cord

Cable dimensions

Fiber count	Cable OD (mm)	Jacket thickness (mm)	Calculated weight (kg/km)
2	4,8±0,3	1,0	20
4	5,5±0,3	1,0	28
8	6,5±0,3	1,0	37
12	7,4±0,3	1,0	45

Fiber color coding

Red, Green, Blue, Yellow, White, Grey, Brown, Violet, Aqua, Black, Orange, Pink

Jacket color

Black, Beige, Olive (other colors available on request)

Mechanical & environmental properties

Test	Value	Test method
Tensile strength (short/long term) 2F	850/400 N	*E1
4F	1000/500 N	
8F	1600/700 N	
12F	2100/100 N	
Max. Compressive loading	4400 N	*E3
Min. bend radius Not load	10x OD	*E11
Load	15x OD	
Temperature range	-20 to +60°C	*F1

* IEC 60794-1-2

Marking:

Method: Ink-Jet

Print colour: White or Black

 Print legend: OPK –cable type – lot number- (length marking per 1 m)
 (customer print legend available on request)

Delivery length:

2000 m with accuracy ± 5% on plywood reel

Distribution Cable

26/06/2017

Fiber Count	Fiber Type	Ordering Code
2	G.652.D	OPK-U-DSTS-2(2x0,9)x9GH-D-xx
2	G.657.A1	OPK-U-DSTS-2(2x0,9)x9GH-A1-xx
2	G.657.A2	OPK-U-DSTS-2(2x0,9)x9GH-A2-xx
2	G.657.B3	OPK-U-DSTS-2(2x0,9)x9GH-B3-xx
2	OM1	OPK-U-DSTS-2(2x0,9)x9GH-OM1-xx
2	OM2	OPK-U-DSTS-2(2x0,9)x9GH-OM2-xx
2	OM3	OPK-U-DSTS-2(2x0,9)x9GH-OM3-xx
2	OM4	OPK-U-DSTS-2(2x0,9)x9GH-OM4-xx

Fiber Count	Fiber Type	Ordering Code
4	652	OPK-U-DSTS-4(4x0,9)x9GH-D-xx
4	G.657.A1	OPK-U-DSTS-4(4x0,9)x9GH-A1-xx
4	G.657.A2	OPK-U-DSTS-4(4x0,9)x9GH-A2-xx
4	G.657.B3	OPK-U-DSTS-4(4x0,9)x9GH-B3-xx
4	OM1	OPK-U-DSTS-4(4x0,9)x9GH-OM1-xx
4	OM2	OPK-U-DSTS-4(4x0,9)x9GH-OM2-xx
4	OM3	OPK-U-DSTS-4(4x0,9)x9GH-OM3-xx
4	OM4	OPK-U-DSTS-4(4x0,9)x9GH-OM4-xx

Fiber Count	Fiber Type	Ordering Code
8	G.652.D	OPK-U-DSTS-8(8x0,9)x9GH-D-xx
8	G.657.A1	OPK-U-DSTS-8(8x0,9)x9GH-A1-xx
8	G.657.A2	OPK-U-DSTS-8(8x0,9)x9GH-A2-xx
8	G.657.B3	OPK-U-DSTS-8(8x0,9)x9GH-B3-xx
8	OM1	OPK-U-DSTS-8(8x0,9)x9GH-OM1-xx
8	OM2	OPK-U-DSTS-8(8x0,9)x9GH-OM2-xx
8	OM3	OPK-U-DSTS-8(8x0,9)x9GH-OM3-xx
8	OM4	OPK-U-DSTS-8(8x0,9)x9GH-OM4-xx

Fiber Count	Fiber Type	Ordering Code
12	G.652.D	OPK-U-DSTS-12(12x0,9)x9GH-D-xx
12	G.657.A1	OPK-U-DSTS-12(12x0,9)x9GH-A1-xx
12	G.657.A2	OPK-U-DSTS-12(12x0,9)x9GH-A2-xx
12	G.657.B3	OPK-U-DSTS-12(12x0,9)x9GH-B3-xx
12	OM1	OPK-U-DSTS-12(12x0,9)x9GH-OM1-xx
12	OM2	OPK-U-DSTS-12(12x0,9)x9GH-OM2-xx
12	OM3	OPK-U-DSTS-12(12x0,9)x9GH-OM3-xx
12	OM4	OPK-U-DSTS-12(12x0,9)x9GH-OM4-xx

xx – jacket color