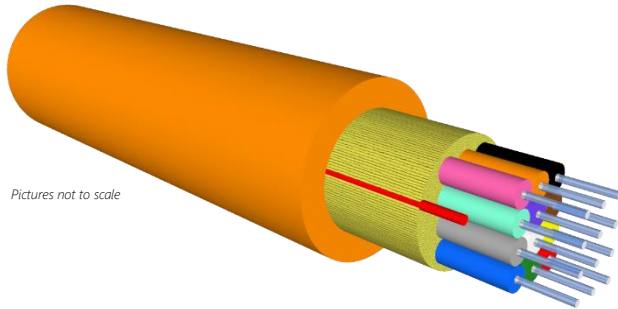


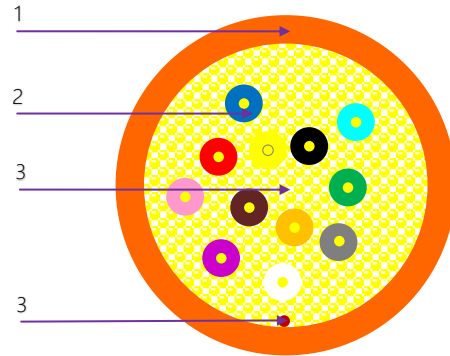
Distribution Cable

29/06/2017

- 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 Aramid yarn
4. Rip-Cord

Cable dimensions

Fiber count	Cable OD (mm)	Jacket thickness (mm)	Calculated weight (kg/km)
2	4,7±0,3	1,0	21
4	4,8±0,3	1,0	23
6	5,4±0,3	1,0	28
8	6,0±0,3	1,0	33
12	6,5±0,3	1,0	41

Fiber color coding

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

Jacket color

OS1/OS2	OM1	OM2	OM3	OM4
Yellow	Orange	Orange	Turquoise	Turquoise
YE	OG	OG	TQ	TQ

Mechanical & environmental properties

Test	Value	Test method
Tensile strength (short/long term)	1100/500 N	*E1
Max. Compressive loading	4400 N	*E3
Min. bend radius	Not load	*E11
	Load	15x OD
Temperature range	tight buffer	-20 to +60°C
	free buffer	-5°C to +50°C

* 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

29/06/2017

Fiber Count	Fiber Type	Ordering Code
2	G.652.D	OPK-U-DSTS-2(2x0,9)x9AH-D-xx
2	G.657.A1	OPK-U-DSTS-2(2x0,9)x9AH-A1-xx
2	G.657.A2	OPK-U-DSTS-2(2x0,9)x9AH-A2-xx
2	G.657.B3	OPK-U-DSTS-2(2x0,9)x9AH-B3-xx
2	OM1	OPK-U-DSTS-2(2x0,9)x9AH-OM1-xx
2	OM2	OPK-U-DSTS-2(2x0,9)x9AH-OM2-xx
2	OM3	OPK-U-DSTS-2(2x0,9)x9AH-OM3-xx
2	OM4	OPK-U-DSTS-2(2x0,9)x9AH-OM4-xx

Fiber Count	Fiber Type	Ordering Code
4	652	OPK-U-DSTS-4(4x0,9)x9AH-D-xx
4	G.657.A1	OPK-U-DSTS-4(4x0,9)x9AH-A1-xx
4	G.657.A2	OPK-U-DSTS-4(4x0,9)x9AH-A2-xx
4	G.657.B3	OPK-U-DSTS-4(4x0,9)x9AH-B3-xx
4	OM1	OPK-U-DSTS-4(4x0,9)x9AH-OM1-xx
4	OM2	OPK-U-DSTS-4(4x0,9)x9AH-OM2-xx
4	OM3	OPK-U-DSTS-4(4x0,9)x9AH-OM3-xx
4	OM4	OPK-U-DSTS-4(4x0,9)x9AH-OM4-xx

Fiber Count	Fiber Type	Ordering Code
6	G.652.D	OPK-U-DSTS-6(6x0,9)x9AH-D-xx
6	G.657.A1	OPK-U-DSTS-6(6x0,9)x9AH-A1-xx
6	G.657.A2	OPK-U-DSTS-6(6x0,9)x9AH-A2-xx
6	G.657.B3	OPK-U-DSTS-6(6x0,9)x9AH-B3-xx
6	OM1	OPK-U-DSTS-6(6x0,9)x9AH-OM1-xx
6	OM2	OPK-U-DSTS-6(6x0,9)x9AH-OM2-xx
6	OM3	OPK-U-DSTS-6(6x0,9)x9AH-OM3-xx
6	OM4	OPK-U-DSTS-6(6x0,9)x9AH-OM4-xx

Fiber Count	Fiber Type	Ordering Code
8	G.652.D	OPK-U-DSTS-8(8x0,9)x9AH-D-xx
8	G.657.A1	OPK-U-DSTS-8(8x0,9)x9AH-A1-xx
8	G.657.A2	OPK-U-DSTS-8(8x0,9)x9AH-A2-xx
8	G.657.B3	OPK-U-DSTS-8(8x0,9)x9AH-B3-xx
8	OM1	OPK-U-DSTS-8(8x0,9)x9AH-OM1-xx
8	OM2	OPK-U-DSTS-8(8x0,9)x9AH-OM2-xx
8	OM3	OPK-U-DSTS-8(8x0,9)x9AH-OM3-xx
8	OM4	OPK-U-DSTS-8(8x0,9)x9AH-OM4-xx

xx – jacket color

Fiber Count	Fiber Type	Ordering Code
12	G.652.D	OPK-U-DSTS-12(12x0,9)x9AH-D-xx
12	G.657.A1	OPK-U-DSTS-12(12x0,9)x9AH-A1-xx
12	G.657.A2	OPK-U-DSTS-12(12x0,9)x9AH-A2-xx
12	G.657.B3	OPK-U-DSTS-12(12x0,9)x9AH-B3-xx
12	OM1	OPK-U-DSTS-12(12x0,9)x9AH-OM1-xx
12	OM2	OPK-U-DSTS-12(12x0,9)x9AH-OM2-xx
12	OM3	OPK-U-DSTS-12(12x0,9)x9AH-OM3-xx
12	OM4	OPK-U-DSTS-12(12x0,9)x9AH-OM4-xx