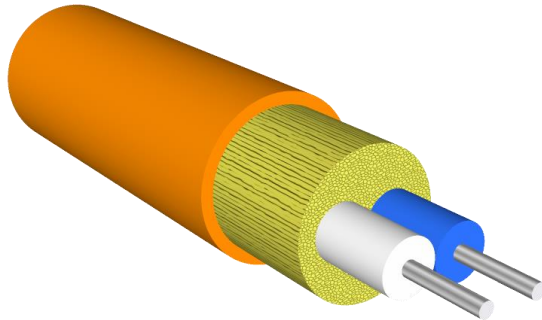


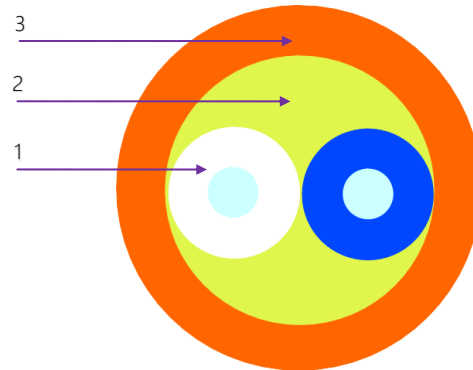
Round Duplex Cable

21/06/2017

- For indoor general purpose cable



Pictures not to scale



1. Tight buffered optical fiber
2. Aramid yarn
3. FR-LSHF outer jacket

Cable dimensions

Fiber Count	Nominal Outer diameter	Tight buffer diameter	Calculated weight
2	2,0 mm	0,6 mm	4 kg/km
2	2,8 mm	0,9 mm	7 kg/km

Mechanical & environmental properties

Parameter	Value	Reference acc. to IEC 794-1
Tensile strength 2,0 mm	Not load	250 N
	Load	110 N
Tensile strength 2,8 mm	Not load	400 N
	Load	180 N
Max. Compressive loading 2,0 mm	300 N	E3
Max. Compressive loading 2,8 mm	800 N	E3
Impact loading 2,0 mm	3J	E4
Impact loading 2,8 mm	5J	E4
Min. bend radius (only on the narrow axis)	Not load	10 D
	Load	15 D
Storage temperature range	-20°C to +60°C	F1
Operating temperature range	tight buffer	-20°C to +60°C
	free buffer	-5°C to +50°C
Installation temperature range	-5°C to +50°C	
Halogen-free	EN 60754	
Smoke density	EN 61034	
Flame retardancy	EN 60332-1, EN 60332-3	

Marking:

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

Delivery length:

2000 m or 4000 m with accuracy $\pm 5\%$ on plywood reel

Round Duplex Cable

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Cable	Fiber Type	Ordering Code
2,0	G.652.D	OPK-I-DXK-2(2×2,0)T6AHHH-D-YE
2,0	G.652.D/G.657.A1	OPK-I-DXK-2(2×2,0)T6AHH-DA1-YE
2,0	G.657.A1	OPK-I-DXK-2(2×2,0)T6AHH-A1-YE
2,0	G.657.A2	OPK-I-DXK-2(2×2,0)T6AHH-A2-YE
2,0	G.657.B3	OPK-I-DXK-2(2×2,0)T6AHH-B3-YE
2,0	OM1	OPK-I-DXK-2(2×2,0)T6AHH-OM1-OG
2,0	OM2	OPK-I-DXK-2(2×2,0)T6AHH-OM2-OG
2,0	OM3	OPK-I-DXK-2(2×2,0)T6AHH-OM3-TQ
2,0	OM4	OPK-I-DXK-2(2×2,0)T6AHH-OM4-TQ

Cable	Fiber Type	Ordering Code
2,4	G.652.D	OPK-I-DXK-2(2×2,8)x9AHH-D-YE
2,4	G.652.D/G.657.A1	OPK-I-DXK-2(2×2,8)x9AHH-DA1-YE
2,4	G.657.A1	OPK-I-DXK-2(2×2,8)x9AHH-A1-YE
2,4	G.657.A2	OPK-I-DXK-2(2×2,8)x9AHH-A2-YE
2,4	G.657.B3	OPK-I-DXK-2(2×2,8)x9AHH-B3-YE
2,4	OM1	OPK-I-DXK-2(2×2,8)x9AHH-OM1-OG
2,4	OM2	OPK-I-DXK-2(2×2,8)x9AHH-OM2-OG
2,4	OM3	OPK-I-DXK-2(2×2,8)x9AHH-OM3-TQ
2,4	OM4	OPK-I-DXK-2(2×2,8)x9AHH-OM4-TQ

Stripability of Secondary Coating (x in code)

T	Tight stripability
F	Free stripability (tube)

Jacket color

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

Specifications are to change without notice