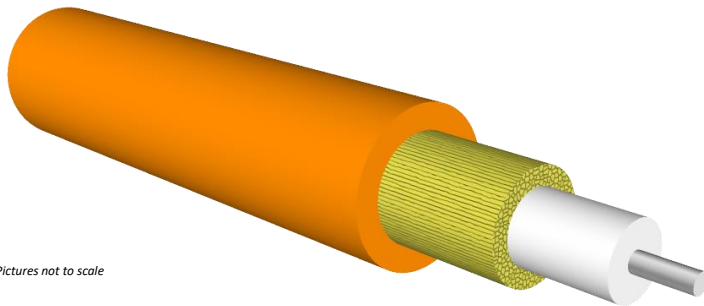


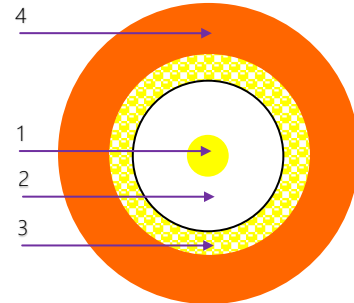
Simplex Cable

26/06/2017

- For indoor general purpose cable



Pictures not to scale



1. Optical fiber
2. Secondary coating
3. Aramid yarn
4. FR-LSZH outer jacket

Cable dimensions

Fiber Count	Nominal Outer diameter	Tight buffer diameter	Caloric load, (approx. value)	Calculated weight
1	1,2 mm	0,6 mm	0,04 MJ/m	1,9 kg/km
1	1,6 mm	0,6 mm	0,06 MJ/m	2,4 kg/km
1	1,7 mm	0,9 mm	0,09 MJ/m	3,0 kg/km
1	1,8 mm	0,9 mm	0,10 MJ/m	3,2 kg/km
1	2,0 mm	0,9 mm	0,12 MJ/m	4,1 kg/km
1	2,4 mm	0,9 mm	0,15 MJ/m	7,0 kg/km
1	2,8 mm	0,9 mm	0,20 MJ/m	7,5 kg/km

Mechanical & environmental properties

Parameter		Value	Reference acc. to IEC 794-1
Tensile strength	cable 1,2	30 N	E1
	cable 1,6	110 N	
	others	180 N	
Max. Compressive loading		500 N	E3
Impact loading		1J	E4
Min. bend radius	Not load	10 D	E11
	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	

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

Simplex Cable

26/06/2017

Cable	Fiber Type	Ordering Code
1,2	G.652.D	OPK-I-SX-1(1×1,2)×6AH-D-YE
1,2	G.652.D/G.657.A1	OPK-I-SX-1(1×1,2)×6AH-DA1-YE
1,2	G.657.A1	OPK-I-SX-1(1×1,2)×6AH-A1-YE
1,2	G.657.A2	OPK-I-SX-1(1×1,2)×6AH-A2-YE
1,2	G.657.B3	OPK-I-SX-1(1×1,2)×6AH-B3-YE
1,2	OM1	OPK-I-SX-1(1×1,2)×6AH-OM1-OG
1,2	OM2	OPK-I-SX-1(1×1,2)×6AH-OM2-OG
1,2	OM3	OPK-I-SX-1(1×1,2)×6AH-OM3-TQ
1,2	OM4	OPK-I-SX-1(1×1,2)×6AH-OM4-TQ

Cable	Fiber Type	Ordering Code
1,6	G.652.D	OPK-I-SX-1(1×1,6)×6AH-D-YE
1,6	G.652.D/G.657.A1	OPK-I-SX-1(1×1,6)×6AH-DA1-YE
1,6	G.657.A1	OPK-I-SX-1(1×1,6)×6AH-A1-YE
1,6	G.657.A2	OPK-I-SX-1(1×1,6)×6AH-A2-YE
1,6	G.657.B3	OPK-I-SX-1(1×1,6)×6AH-B3-YE
1,6	OM1	OPK-I-SX-1(1×1,6)×6AH-OM1-OG
1,6	OM2	OPK-I-SX-1(1×1,6)×6AH-OM2-OG
1,6	OM3	OPK-I-SX-1(1×1,6)×6AH-OM3-TQ
1,6	OM4	OPK-I-SX-1(1×1,6)×6AH-OM4-TQ

Cable	Fiber Type	Ordering Code
1,7	G.652.D	OPK-I-SX-1(1×1,7)×9AH-D-YE
1,7	G.652.D/G.657.A1	OPK-I-SX-1(1×1,7)×9AH-DA1-YE
1,7	G.657.A1	OPK-I-SX-1(1×1,7)×9AH-A1-YE
1,7	G.657.A2	OPK-I-SX-1(1×1,7)×9AH-A2-YE
1,7	G.657.B3	OPK-I-SX-1(1×1,7)×9AH-B3-YE
1,7	OM1	OPK-I-SX-1(1×1,7)×9AH-OM1-OG
1,7	OM2	OPK-I-SX-1(1×1,7)×9AH-OM2-OG
1,7	OM3	OPK-I-SX-1(1×1,7)×9AH-OM3-TQ
1,7	OM4	OPK-I-SX-1(1×1,7)×9AH-OM4-TQ

Cable	Fiber Type	Ordering Code
1,8	G.652.D	OPK-I-SX-1(1×1,8)×9AH-D-YE
1,8	G.652.D/G.657.A1	OPK-I-SX-1(1×1,8)×9AH-DA1-YE
1,8	G.657.A1	OPK-I-SX-1(1×1,8)×9AH-A1-YE
1,8	G.657.A2	OPK-I-SX-1(1×1,8)×9AH-A2-YE
1,8	G.657.B3	OPK-I-SX-1(1×1,8)×9AH-B3-YE
1,8	OM1	OPK-I-SX-1(1×1,8)×9AH-OM1-OG
1,8	OM2	OPK-I-SX-1(1×1,8)×9AH-OM2-OG
1,8	OM3	OPK-I-SX-1(1×1,8)×9AH-OM3-TQ
1,8	OM4	OPK-I-SX-1(1×1,8)×9AH-OM4-TQ

Cable	Fiber Type	Ordering Code
2,0	G.652.D	OPK-I-SX-1(1×2,0)×9AH-D-YE
2,0	G.652.D/G.657.A1	OPK-I-SX-1(1×2,0)×9AH-DA1-YE
2,0	G.657.A1	OPK-I-SX-1(1×2,0)×9AH-A1-YE
2,0	G.657.A2	OPK-I-SX-1(1×2,0)×9AH-A2-YE
2,0	G.657.B3	OPK-I-SX-1(1×2,0)×9AH-B3-YE
2,0	OM1	OPK-I-SX-1(1×2,0)×9AH-OM1-OG
2,0	OM2	OPK-I-SX-1(1×2,0)×9AH-OM2-OG
2,0	OM3	OPK-I-SX-1(1×2,0)×9AH-OM3-TQ
2,0	OM4	OPK-I-SX-1(1×2,0)×9AH-OM4-TQ

Cable	Fiber Type	Ordering Code
2,4	G.652.D	OPK-I-SX-1(1×2,4)×9AH-D-YE
2,4	G.652.D/G.657.A1	OPK-I-SX-1(1×2,4)×9AH-DA1-YE
2,4	G.657.A1	OPK-I-SX-1(1×2,4)×9AH-A1-YE
2,4	G.657.A2	OPK-I-SX-1(1×2,4)×9AH-A2-YE
2,4	G.657.B3	OPK-I-SX-1(1×2,4)×9AH-B3-YE
2,4	OM1	OPK-I-SX-1(1×2,4)×9AH-OM1-OG
2,4	OM2	OPK-I-SX-1(1×2,4)×9AH-OM2-OG
2,4	OM3	OPK-I-SX-1(1×2,4)×9AH-OM3-TQ
2,4	OM4	OPK-I-SX-1(1×2,4)×9AH-OM4-TQ

Cable	Fiber Type	Ordering Code
2,8	G.652.D	OPK-I-SX-1(1×2,8)×9AH-D-YE
2,8	G.652.D/G.657.A1	OPK-I-SX-1(1×2,8)×9AH-DA1-YE
2,8	G.657.A1	OPK-I-SX-1(1×2,8)×9AH-A1-YE
2,8	G.657.A2	OPK-I-SX-1(1×2,8)×9AH-A2-YE
2,8	G.657.B3	OPK-I-SX-1(1×2,8)×9AH-B3-YE
2,8	OM1	OPK-I-SX-1(1×2,8)×9AH-OM1-OG
2,8	OM2	OPK-I-SX-1(1×2,8)×9AH-OM2-OG
2,8	OM3	OPK-I-SX-1(1×2,8)×9AH-OM3-TQ
2,8	OM4	OPK-I-SX-1(1×2,8)×9AH-OM4-TQ

Stripability of Secondary Coating (x in code)

T	Tight stripability
F	Free stripability (tube)

Jacket color

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