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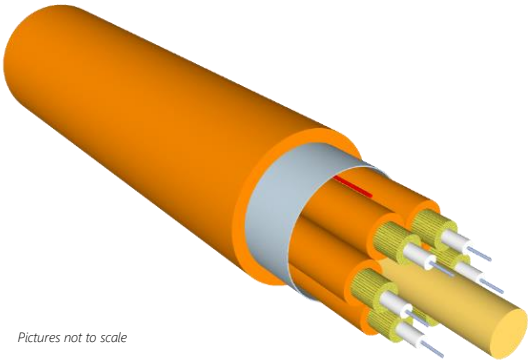
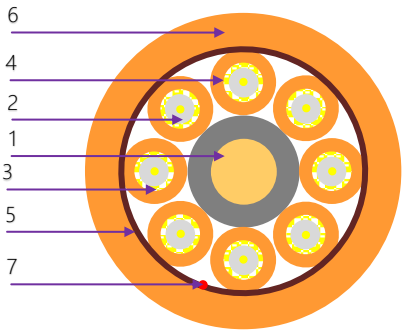
OPK-I-BRCS-48(48x2,0)x9AHH

19/04/2017

- For internal applications
- For plenum and riser application



Pictures not to scale



1. FRP central strength member
2. Tight buffered optical fibre
3. Aramid yarn
4. Sub unit
5. Cable core wrapping
6. FR-LSHF outer jacket
7. Rip-cord

Cable dimensions

Fiber Count	Cable OD	Outer jacket thickness	Calculated weight
4(2)	7,2 ± 0,5 mm	1,0 mm	49(47) kg/km
6	8,2 ± 0,5 mm	1,0 mm	69 kg/km
8	9,8 ± 0,5 mm	1,0 mm	95 kg/km
12	12,5 ± 0,5 mm	1,0 mm	160 kg/km
24	14,7 ± 0,5 mm	1,0 mm	209 kg/km
36	16,6 ± 0,5 mm	1,0 mm	279 kg/km
48	19,6 ± 0,5 mm	1,0 mm	384 kg/km

Mechanical & environmental properties

Parameter		Value	Reference acc. to IEC 794-1
Tensile strength short/long term	2F	600/320 N	E1
	4F	700/380 N	
	6F	1000/550 N	
	8F	1100/600 N	
	12F	1300/700 N	
	24F	2200/1200 N	
	36F	2500/1350 N	
	48F	3500/1900 N	
Max. Compressive loading		1000 N	E3
Impact loading		10J	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		0°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:

2-24F 2000 m o with accuracy ± 5% on plywood reel
36-48F 1000 m o with accuracy ± 5% on plywood reel

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OPK-I-BRCS-48(48x2,0)x9AHH

19/04/2017

Fiber Count	Fiber Type	Ordering Code
2	G.652.D	OPK-I-BRCS-2(4×2,0)x9AHH-D-YE
2	G.652.D/G.657.A1	OPK-I-BRCS-2(4×2,0)x9AHH-DA1-YE
2	G.657.A1	OPK-I-BRCS-2(4×2,0)x9AHH-A1-YE
2	G.657.A2	OPK-I-BRCS-2(4×2,0)x9AHH-A2-YE
2	G.657.B3	OPK-I-BRCS-2(4×2,0)x9AHH-B3-YE
2	OM1	OPK-I-BRCS-2(4×2,0)x9AHH-OM1-OG
2	OM2	OPK-I-BRCS-2(4×2,0)x9AHH-OM2-OG
2	OM3	OPK-I-BRCS-2(4×2,0)x9AHH-OM3-TQ
2	OM4	OPK-I-BRCS-2(4×2,0)x9AHH-OM4-TQ
4	G.652.D	OPK-I-BRCS-4(4×2,0)x9AHH-D-YE
4	G.652.D/G.657.A1	OPK-I-BRCS-4(4×2,0)x9AHH-DA1-YE
4	G.657.A1	OPK-I-BRCS-4(4×2,0)x9AHH-A1-YE
4	G.657.A2	OPK-I-BRCS-4(4×2,0)x9AHH-A2-YE
4	G.657.B3	OPK-I-BRCS-4(4×2,0)x9AHH-B3-YE
4	OM1	OPK-I-BRCS-4(4×2,0)x9AHH-OM1-OG
4	OM2	OPK-I-BRCS-4(4×2,0)x9AHH-OM2-OG
4	OM3	OPK-I-BRCS-4(4×2,0)x9AHH-OM3-TQ
4	OM4	OPK-I-BRCS-4(4×2,0)x9AHH-OM4-TQ
6	G.652.D	OPK-I-BRCS-6(6×2,0)x9AHH-D-YE
6	G.652.D/G.657.A1	OPK-I-BRCS-6(6×2,0)x9AHH-DA1-YE
6	G.657.A1	OPK-I-BRCS-6(6×2,0)x9AHH-A1-YE
6	G.657.A2	OPK-I-BRCS-6(6×2,0)x9AHH-A2-YE
6	G.657.B3	OPK-I-BRCS-6(6×2,0)x9AHH-B3-YE
6	OM1	OPK-I-BRCS-6(6×2,0)x9AHH-OM1-OG
6	OM2	OPK-I-BRCS-6(6×2,0)x9AHH-OM2-OG
6	OM3	OPK-I-BRCS-6(6×2,0)x9AHH-OM3-TQ
6	OM4	OPK-I-BRCS-6(6×2,0)x9AHH-OM4-TQ
8	G.652.D	OPK-I-BRCS-8(8×2,0)x9AHH-D-YE
8	G.652.D/G.657.A1	OPK-I-BRCS-8(8×2,0)x9AHH-DA1-YE
8	G.657.A1	OPK-I-BRCS-8(8×2,0)x9AHH-A1-YE
8	G.657.A2	OPK-I-BRCS-8(8×2,0)x9AHH-A2-YE
8	G.657.B3	OPK-I-BRCS-8(8×2,0)x9AHH-B3-YE
8	OM1	OPK-I-BRCS-8(8×2,0)x9AHH-OM1-OG
8	OM2	OPK-I-BRCS-8(8×2,0)x9AHH-OM2-OG
8	OM3	OPK-I-BRCS-8(8×2,0)x9AHH-OM3-TQ
8	OM4	OPK-I-BRCS-8(8×2,0)x9AHH-OM4-TQ
12	G.652.D	OPK-I-BRCS-12(12×2,0)x9AHH-D-YE
12	G.652.D/G.657.A1	OPK-I-BRCS-12(12×2,0)x9AHH-DA1-YE
12	G.657.A1	OPK-I-BRCS-12(12×2,0)x9AHH-A1-YE
12	G.657.A2	OPK-I-BRCS-12(12×2,0)x9AHH-A2-YE
12	G.657.B3	OPK-I-BRCS-12(12×2,0)x9AHH-B3-YE
12	OM1	OPK-I-BRCS-12(12×2,0)x9AHH-OM1-OG
12	OM2	OPK-I-BRCS-12(12×2,0)x9AHH-OM2-OG
12	OM3	OPK-I-BRCS-12(12×2,0)x9AHH-OM3-TQ
12	OM4	OPK-I-BRCS-12(12×2,0)x9AHH-OM4-TQ

Fiber Count	Fiber Type	Ordering Code
12	G.652.D	OPK-I-BRCS-12(12×2,0)x9AHH-D-YE
12	G.652.D/G.657.A1	OPK-I-BRCS-12(12×2,0)x9AHH-DA1-YE
12	G.657.A1	OPK-I-BRCS-12(12×2,0)x9AHH-A1-YE
12	G.657.A2	OPK-I-BRCS-12(12×2,0)x9AHH-A2-YE
12	G.657.B3	OPK-I-BRCS-12(12×2,0)x9AHH-B3-YE
12	OM1	OPK-I-BRCS-12(12×2,0)x9AHH-OM1-OG
12	OM2	OPK-I-BRCS-12(12×2,0)x9AHH-OM2-OG
12	OM3	OPK-I-BRCS-12(12×2,0)x9AHH-OM3-TQ
12	OM4	OPK-I-BRCS-12(12×2,0)x9AHH-OM4-TQ
24	G.652.D	OPK-I-BRCS-24(24×2,0)x9AHH-D-YE
24	G.652.D/G.657.A1	OPK-I-BRCS-24(24×2,0)x9AHH-DA1-YE
24	G.657.A1	OPK-I-BRCS-24(24×2,0)x9AHH-A1-YE
24	G.657.A2	OPK-I-BRCS-24(24×2,0)x9AHH-A2-YE
24	G.657.B3	OPK-I-BRCS-24(24×2,0)x9AHH-B3-YE
24	OM1	OPK-I-BRCS-24(24×2,0)x9AHH-OM1-OG
24	OM2	OPK-I-BRCS-24(24×2,0)x9AHH-OM2-OG
24	OM3	OPK-I-BRCS-24(24×2,0)x9AHH-OM3-TQ
24	OM4	OPK-I-BRCS-24(24×2,0)x9AHH-OM4-TQ
36	G.652.D	OPK-I-BRCS-36(36×2,0)x9AHH-D-YE
36	G.652.D/G.657.A1	OPK-I-BRCS-36(36×2,0)x9AHH-DA1-YE
36	G.657.A1	OPK-I-BRCS-36(36×2,0)x9AHH-A1-YE
36	G.657.A2	OPK-I-BRCS-36(36×2,0)x9AHH-A2-YE
36	G.657.B3	OPK-I-BRCS-36(36×2,0)x9AHH-B3-YE
36	OM1	OPK-I-BRCS-36(36×2,0)x9AHH-OM1-OG
36	OM2	OPK-I-BRCS-36(36×2,0)x9AHH-OM2-OG
36	OM3	OPK-I-BRCS-36(36×2,0)x9AHH-OM3-TQ
36	OM4	OPK-I-BRCS-36(36×2,0)x9AHH-OM4-TQ
48	G.652.D	OPK-I-BRCS-48(48×2,0)x9AHH-D-YE
48	G.652.D/G.657.A1	OPK-I-BRCS-48(48×2,0)x9AHH-DA1-YE
48	G.657.A1	OPK-I-BRCS-48(48×2,0)x9AHH-A1-YE
48	G.657.A2	OPK-I-BRCS-48(48×2,0)x9AHH-A2-YE
48	G.657.B3	OPK-I-BRCS-48(48×2,0)x9AHH-B3-YE
48	OM1	OPK-I-BRCS-48(48×2,0)x9AHH-OM1-OG
48	OM2	OPK-I-BRCS-48(48×2,0)x9AHH-OM2-OG
48	OM3	OPK-I-BRCS-48(48×2,0)x9AHH-OM3-TQ
48	OM4	OPK-I-BRCS-48(48×2,0)x9AHH-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