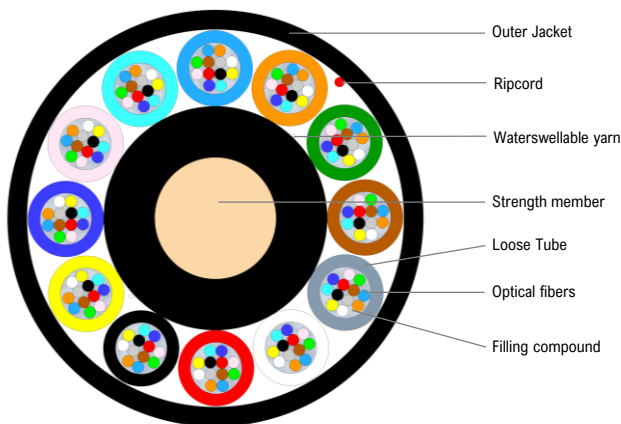


Outdoor Multi-tube Micro Cable

Cable for external installation by air-blowing technique



Fiber count	up to 432
Fiber Type	G.652.D, G.657.A1, G.657.A2
Fiber color	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube	Gel-Filled PBT buffer tube
Tube color	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Filling compound	Thixotropic Jelly Compound
Strength member	FRP strength member (PE coating if necessary)
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE

Fiber count	Cable Code (Ordering Code)	Tube count	Filler count	Cable outer diameter	Max. Loading Short Term	Max. Loading Long Term	Approx. Cable Weight
12	OPK-O-MTFDM-12(5x1,5)LTP-xx-BK	1	4	5,3 mm	430 N	100 N	19 kg/km
24	OPK-O-MTFDM-24(5x1,5)LTP-xx-BK	2	3	5,3 mm	430 N	100 N	21 kg/km
48	OPK-O-MTFDM-48(5x1,5)LTP-xx-BK	4	1	5,3 mm	430 N	100 N	23 kg/km
60	OPK-O-MTFDM-60(5x1,5)LTP-xx-BK	5	0	5,3 mm	430 N	100 N	24 kg/km
72	OPK-O-MTFDM-72(6x1,5)LTP-xx-BK	6	0	5,7 mm	900 N	200 N	29 kg/km
96	OPK-O-MTFDM-96(8x1,5)LTP-xx-BK	8	0	6,5 mm	1500 N	650 N	41 kg/km
144	OPK-O-MTFDM-144(12x1,5)LTP-xx-BK	12	0	8,6 mm	1500 N	650 N	66 kg/km
192	OPK-O-MTFDM-192(16x1,5)LTP-xx-BK	5+11	0	8,3 mm	430 N	100 N	59 kg/km
216	OPK-O-MTFDM-216(18x1,5)LTP-xx-BK	6+12	0	8,7 mm	900 N	200 N	67 kg/km
288	OPK-O-MTFDM-288(24x1,5)LTP-xx-BK	9+15	0	10,0 mm	2000 N	900 N	96 kg/km
432	OPK-O-MTFDM-432(36x1,5)LTP-xx-BK	6+12+18	0	11,7 mm	850 N	170 N	124 kg/km

xx – fiber type (see Cable code datasheet)

Max. attenuation @1310/1550/1625nm	0,38 / 0,25 / 0,30	[dB/km]
Max. compressive loading	700	[N]
Max. Impact loading	3	[Nm]
Min. bend radius not load	10	[OD]
Min. bend radius load	20	[OD]
Operating temperature range	-30 to +70	[°C]
Storage temperature range	-40 to +70	[°C]
Installation temperature range	-15 to +50	[°C]
Class of fire reaction	F _{ca}	

Test standards: EN 60793-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6

Marking Method	Ink-Jet
Print legend	OPK –cable type – lot number- length marking per 1 m (customer print legend available on request)
Delivery length	2000 m ±5% (up to 144 fibers 4000 m ±5%) on plywood reel