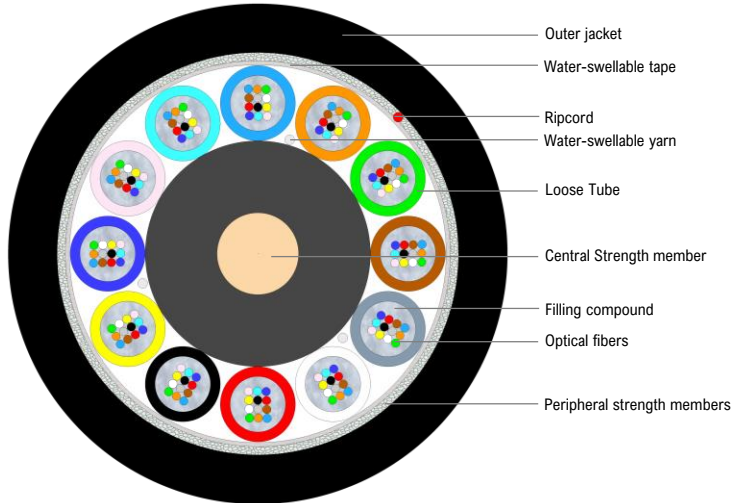


## Outdoor Standard Multi-tube Cable

Full dielectric cable for installation on cable trays or into duct by pulling or blowing.



Fiber count	Up to 432
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM2+, OM3, OM4
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
Tube filling compound	Thixotropic Jelly Compound
Central strength member	FRP strength member (PE coating if necessary)
Core wrapping	Water-swappable tape
Peripheral strength members	Water-swappable glass yarns
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-MTFDS-12(5x2,3)LTGP-xx-BK	1	4	10,1 mm	2000 N	440 N	67 kg/km
24	OPK-O-MTFDS-24(5x2,3)LTGP-xx-BK	2	3	10,1 mm	2000 N	440 N	69 kg/km
48	OPK-O-MTFDS-48(5x2,3)LTGP-xx-BK	4	1	10,1 mm	2000 N	440 N	75 kg/km
60	OPK-O-MTFDS-60(5x2,3)LTGP-xx-BK	5	0	10,1 mm	2000 N	440 N	77 kg/km
72	OPK-O-MTFDS-72(6x2,3)LTGP-xx-BK	6	0	11,0 mm	3200 N	900 N	93 kg/km
96	OPK-O-MTFDS-96(8x2,3)LTGP-xx-BK	8	0	12,4 mm	4100 N	1600 N	118 kg/km
144	OPK-O-MTFDS-144(12x2,3)LTGP-xx-BK	12	0	15,3 mm	6500 N	4000 N	189 kg/km
192	OPK-O-MTFDS-192(16x2,3)LTGP-xx-BK	16	0	14,8 mm	3100 N	620 N	163 kg/km
216	OPK-O-MTFDS-216(18x2,3)LTGP-xx-BK	18	0	15,6 mm	4200 N	1100 N	183 kg/km
288	OPK-O-MTFDS-288(24x2,3)LTGP-xx-BK	24	0	17,6 mm	5700 N	2600 N	237 kg/km
432	OPK-O-MTFDS-432(36x2,3)LTGP-xx-BK	36	0	20,1 mm	4200 N	1100 N	365 kg/km

xx – fiber type (see Cable code datasheet)

Max. attenuation @1310 nm/1550/1625nm	0,38 / 0,25 / 0,30	[dB/km]
Max. compressive loading	2000	[N]
Max. Impact loading	20	[Nm]
Min. bend radius not load	10	[OD]
Min. bend radius load	20	[OD]
Operating temperature range	-40 to +70	[°C]
Storage temperature range	-40 to +70	[°C]
Installation temperature range	-15 to +50	[°C]
Class of fire reaction	F <sub>ca</sub>	

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	2000m ±5% on plywood reel