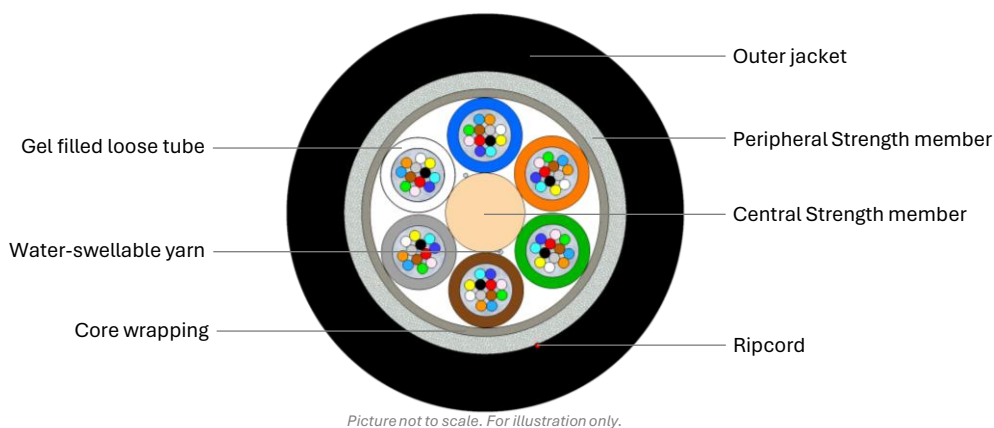


Outdoor Multitube Cable 12-432F (HC)

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



Picture not to scale. For illustration only.

Fibre Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4
Fibre colour	EIA/TIA-598A
Tube colour	EIA/TIA-598A
Central strength member	FRP rod (coated if necessary)
Core wrapping	Water-swellable tape
Peripheral strength members	Water-swellable glass yarns
Ripcord	1x under outer jacket
Outer jacket material	UV resistant black HDPE
Outer jacket thickness	1.5 mm

Number of fibres	12	24	48	60	72	96	144	192	216	288	432	
Number of fibres in tube	12	12	12	12	12	12	12	12	12	12	12	
Tube count (layers)	1	2	4	5	6	8	12	5+11	6+12	9+15	6+12+18	
Filler count	4	3	1	0	0	0	0	0	0	0	0	
Nominal outer diameter (mm)	10.1	10.1	10.1	10.1	11.0	12.4	15.3	14.8	15.6	17.6	20.1	
Calc. cable weight (kg/km)	75	76	77	78	94	125	178	161	180	232	295	
Short-term tensile strength (N)	2000	2000	2000	2000	3400	4300	7000	3100	4400	5700	4400	IEC 60794-1-101
Long-term tensile strength (N)	600	600	600	600	1000	1300	2100	900	1300	1700	1300	IEC 60794-1-101
Short-term crush resistance (N/100 mm)				2000					1500			IEC 60794-1-103
Long-term crush resistance (N/100 mm)				1000					650			IEC 60794-1-103
Max. impact loading (Nm)						20						IEC 60794-1-104
Min. bend radius not load (OD)						15						IEC 60794-1-111
Min. bend radius load (OD)						20						IEC 60794-1-111
Operating temperature range (°C)						-40 to +70						IEC 60794-1-201
Storage temperature range (°C)						-40 to +70						IEC 60794-1-201
Installation temperature range (°C)						-15 to +50						IEC 60794-1-201
Water tightness (1 m / 24 hrs.)						No leakage						IEC 60794-1-205
Class of fire reaction						Fca						EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
12	OPK-O-MTFDS-12(5x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
24	OPK-O-MTFDS-24(5x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
48	OPK-O-MTFDS-48(5x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
60	OPK-O-MTFDS-60(5x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
72	OPK-O-MTFDS-72(6x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
96	OPK-O-MTFDS-96(8x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
144	OPK-O-MTFDS-144(12x2.3)LTGP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
192	OPK-O-MTFDS-192(16x2.3)LTGP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum
216	OPK-O-MTFDS-216(18x2.3)LTGP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum
288	OPK-O-MTFDS-288(24x2.3)LTGP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum
432	OPK-O-MTFDS-432(36x2.3)LTGP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum

xx – fibre type (see Cable code datasheet)

Print legend: Manufacturer – Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.