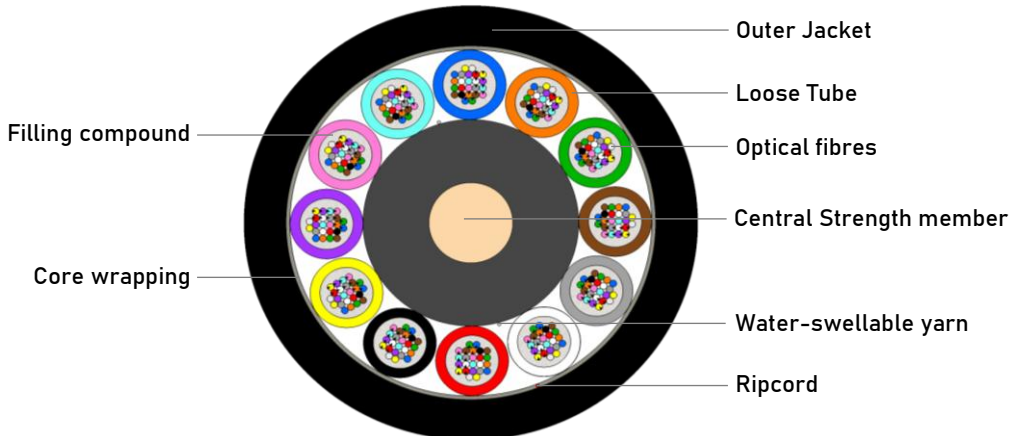


Lightweight Outdoor Multitube Cable 144-864F (ZC)

Full dielectric cable for external installation on cable trays or into duct



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
Tube	Gel-Filled PBT buffer tube
Tube filling compound	Low-viscosity filling gel
Central strength member	FRP rod (coated if necessary)
Core wrapping	Water-swellable tape
Ripcord	1x under outer jacket
Outer jacket material	UV resistant black MDPE

	144	192	288	432	576	864	
Number of fibres	144	192	288	432	576	864	
Number of fibres in tube	24	24	24	24	24	24	
Tube count (layers)	6	8	12	18 (6+12)	24 (9+15)	36 (6+12+18)	
Filler count				0			
Nominal outer diameter (mm)	11.3	12.9	16.2	16.5	18.9	21.7	
Outer jacket thickness (mm)			1.5				
Calc. cable weight (kg/km)	99	129	203	207	276	359	
Short-term tensile strength (N)	2500	2500	2500	2500	2500	2500	IEC 60794-1-101
Long-term tensile strength (N)	1050	1050	1050	1050	1050	1050	IEC 60794-1-101
Short-term crush resistance (N/100 mm)				1000			IEC 60794-1-103
Long-term crush resistance (N/100 mm)				300			IEC 60794-1-103
Max. impact loading (Nm)				5			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
144	OPK-O-MTFDS-144(6x2.6)LTP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
192	OPK-O-MTFDS-192(8x2.6)LTP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
288	OPK-O-MTFDS-288(12x2.6)LTP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum
432	OPK-O-MTFDS-432(18x2.6)LTP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum
576	OPK-O-MTFDS-576(24x2.6)LTP-xx-BK	2100 m ± 5%	Solid wooden non-returnable drum
864	OPK-O-MTFDS-864(36x2.6)LTP-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.