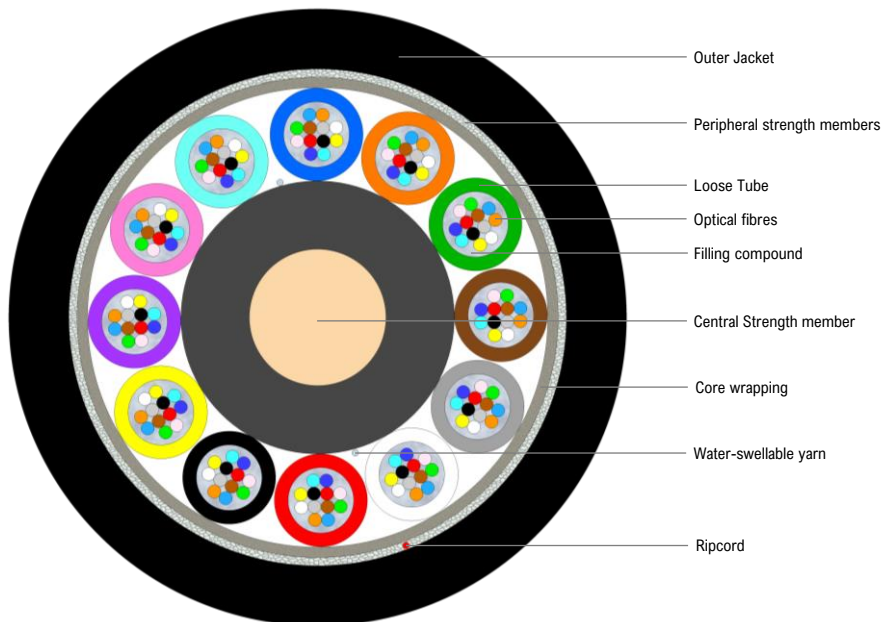


# Outdoor Multitube Cable 144F (NC)

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



Fiber count	144
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, G.656, 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	Low-viscosity filling gel
Central strength member	PE coated FRP rod
Core wrapping	Water-swellaable tape
Peripheral strength members	Water-swellaable glass yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE
Jacket thickness	1.1 mm

Cable outer diameter	11.3	[mm]	
Tube count	12		
Filler count	0		
Max. Tensile Loading (Short Term)	4200	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	1800	[N]	EN 60794-1-21-E1
Max. compressive loading	2000	[N]	EN 60794-1-21-E3
Max. Impact loading	10	[Nm]	EN 60794-1-21-E4
Min. bend radius (no load)	15	[OD]	EN 60794-1-21-E11
Min. bend radius (maximum load)	20	[OD]	EN 60794-1-21-E11
Operating temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Storage temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Installation temperature range	-15 to +50	[°C]	EN 60794-1-22-F1
Water tightness	No water detected on free end		EN 60794-1-22-F5
Cable Weight (calc.)	107	[kg/km]	
Class of fire reaction	F <sub>ca</sub>		EN 13501-6

Cable Code (Ordering Code)	OPK-O-MTFDS-144(12x1.7)LTGP-xx-BK	xx – fiber type (see Cable code datasheet)
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, 4000 m ±5% on plywood reel or solid wooden non-returnable drum	