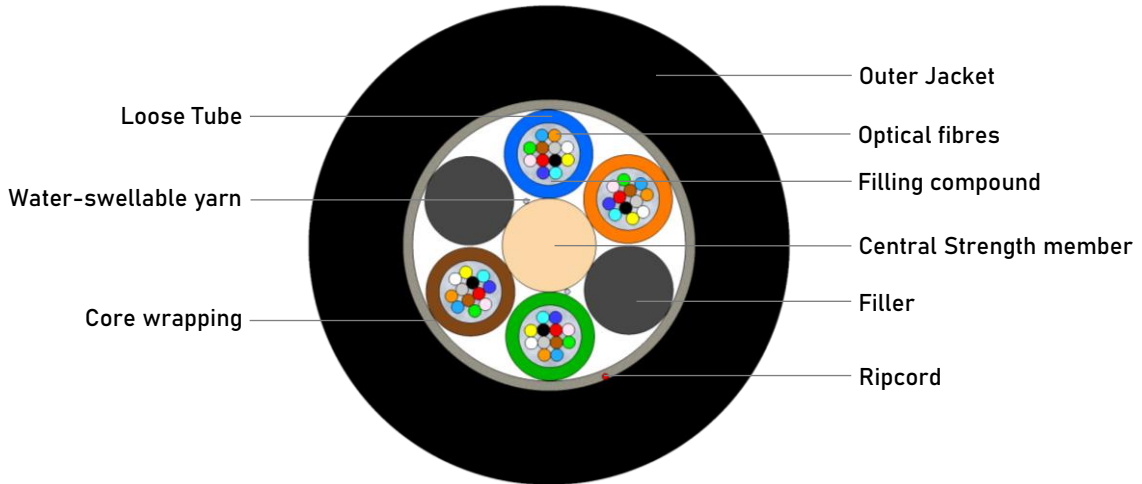


# Universal (Indoor/Outdoor) Multitube Cable-Lite 48F (NC)

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



Fiber count	48
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, OM2+, OM3, OM4, OM5
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
Tube filling compound	Low-viscosity filling gel
Central strength member	FRP rod
Core wrapping	Water-swallowable tape
Ripcord	1x under outer jacket
Outer jacket	Black UV resistant halogen-free flame-retardant thermoplastic compound
Jacket thickness	1.3 mm

Cable outer diameter	8.4	[mm]	
Tube count	4		
Filler count	2		
Max. Tensile Loading (Short Term)	950	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	300	[N]	EN 60794-1-21-E1
Max. compressive loading	1500	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	7	[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.)	72	[kg/km]	
Class of fire reaction	F <sub>ca</sub>		EN 13501-6

Cable Code (Ordering Code)      **OPK-U-MTFDS-48(6x1.7)LTH-xx-BK**      xx - fiber type (see Cable code datasheet)

Print legend      Manufacturer-Cable type - lot number- length marking per 1 m (customer print legend available on request)  
 Delivery length      2100 m, 4200 m ±5% on plywood reel