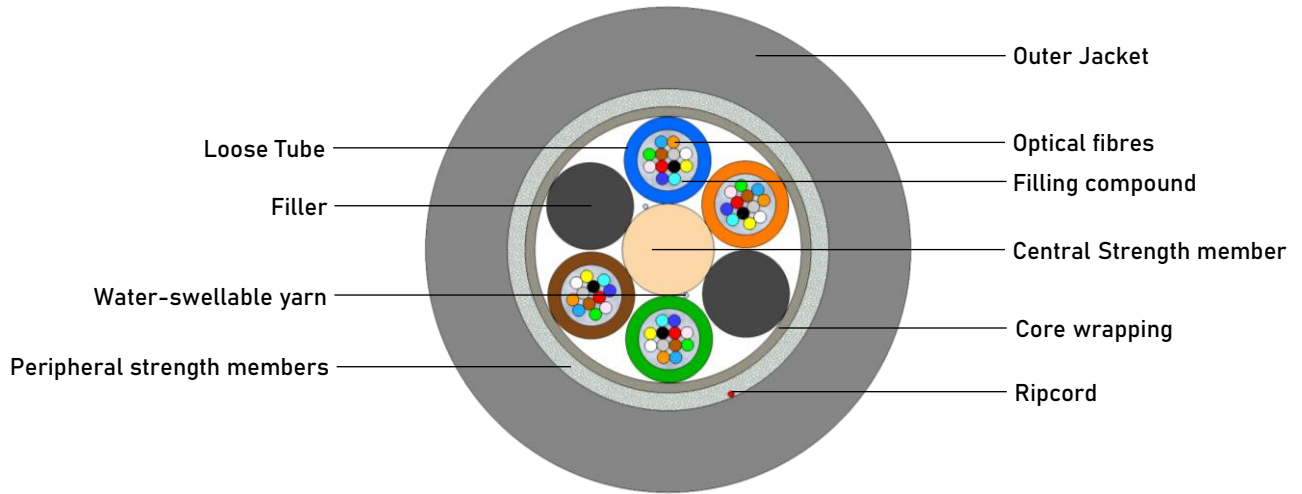


# Universal Multitube Cable 48F (NC)

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-swollable tape
Peripheral strength members	Water-swollable glass yarns
Ripcord	1x under outer jacket
Outer jacket	Grey UV resistant Halogen-free flame-retardant thermoplastic compound
Jacket thickness	1.6 mm

Cable nominal diameter	9.5	[mm]	
Tube count	4		
Filler count	2		
Tensile Strength (Short Term)	2100	[N]	EN 60794-1-21-E1
Tensile Strength (Long Term)	700	[N]	EN 60794-1-21-E1
Max. compressive loading	2000	[N/10cm]	EN 60794-1-21-E3
Max. impact loading	10	[Nm]	EN 60794-1-21-E4
Min. bend radius not load	15	[OD]	EN 60794-1-21-E11
Min. bend radius 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.)	92	[kg/km]	
Class of fire reaction	E <sub>ca</sub>		EN 13501-6

Cable Code (Ordering Code) **OPK-U-MTFDS-48(6x1.7)LTGH-xx-GY** *xx - fiber type (see Cable code datasheet)*  
 Print legend 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 or solid wooden non-returnable drum