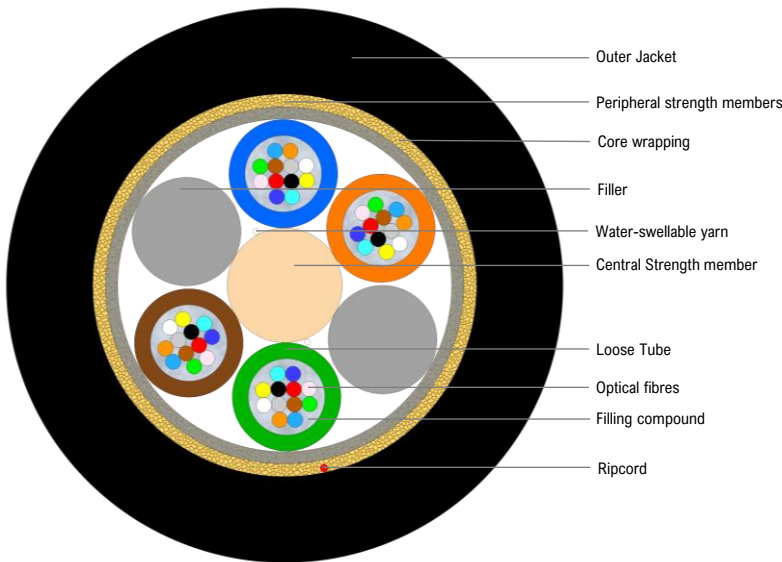


Universal Multi-Tube Cable 48F (NC) with Kevlar

Fiber optic cable for indoor or outdoor installation onto grids or into ducts by pulling



Fiber count	48
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, OM3, OM4, OM5
Fiber colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube	Gel-Filled PBT buffer tube
Tube colour	Blue, Orange, Green, Brown
Filling compound	Low-viscosity filling gel
Strength member	FRP rod
Core wrapping	Water-swellaable tape
Peripheral strength members	Water-swellaable kevlar yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant Black Thermoplastic Flame Retardant Low Smoke Halogen Free compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Jacket thickness	1.5 mm

Cable outer diameter	8.8	[mm]	
Tube count	4		
Filler count	2		
Maximum tensile loading (Short Term)	2000	[N]	EN 60794-1-21-E1
Maximum tensile loading (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 (no load)	15	[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.)	75	[kg/km]	EN 13501-6
Class of fire reaction	F _{ca}		

Cable Code (Ordering Code)	OPK-U-MTFDS-48(6x1.7)LTAH-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	