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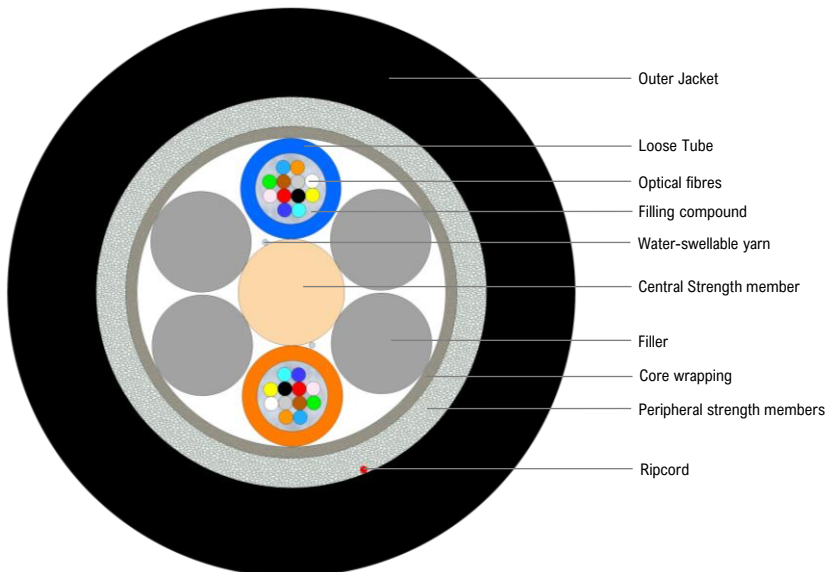
OPTOKON KABLE
MEMBER OF OPTOKON GROUP

Universal glass yarn armoured Multitube Cable 24F (NC)

Durable dielectric fiber optic cable with a higher level of protection against rodents for external or internal installation into ducts or on grids

Fiber count	24
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
Tube filling compound	Low-viscosity filling gel
Central strength member	FRP rod
Core wrapping	Water-swellable tape
Peripheral strength members	Double layer of Water-swellable glass yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Jacket thickness	1.5 mm

Cable outer diameter	9.4	[mm]	
Tube count	2		
Filler count	4		
Maximum tensile loading (Short Term)	3300	[N]	EN 60794-1-21-E1
Maximum tensile loading (Long Term)	1300	[N]	EN 60794-1-21-E1
Max. compressive loading	2500	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	15	[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.)	88	[kg/km]	
Class of fire reaction	F_{ca}		EN 13501-6

Cable Code (Ordering Code)	OPK-U-MTFDR-24(6x1.7)LTGGH-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	