

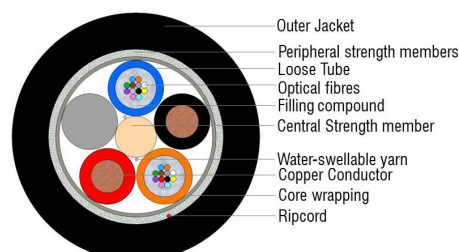
Outdoor Hybrid Copper-Fiber Multitube Cable 24F+2x1.5 (HC)

Description:

Outdoor Hybrid Copper-Fiber Multitube Cable 24F+2x1.5 (HC)

Rev. 0244-21/50

Hybrid copper/fiber cable allows to power devices (cameras, sensors, etc.) and at the same time data transmission via optical fibers in one cable.



Specifications:

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
Copper conductor	Bare copper wire 1,5 mm ² , HDPE insulation
Copper conductor color	Black, Red
Central strength member	FRP rod
Core wrapping	Water-swellable tape
Peripheral strength members	Water-swellable glass yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE
Jacket thickness	1.5 mm

Cable outer diameter	10.2	[mm]	
Tube count	2		
Filler count	1		
Copper conductor count	2		
Testing voltage	2	[kV]	
Resistance (20°C)	12.1	[Ohm/km at 20°C]	
Max. Tensile Loading (Short Term)	2700	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	1000	[N]	EN 60794-1-21-E1
Max. compressive loading	2000	[N/10cm]	EN 60794-1-21-E3

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Max. Impact loading	10	[Nm]	EN 60794-1-21-E4
Min. bend radius (Long Term)	15	[OD]	EN 60794-1-21-E11
Min. bend radius (Short Term)	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.)	132	[kg/km]	
Class of fire reaction	Fca		EN 13501-6

Ordering code:

OPK-O-HCLTS-24(5x2.3)LTGEP+2x1.5mm2-xx-BK

xx - fiber type (see Cable code datasheet)

Print legend: OPK -cable type - lot number- length marking per 1 m (customer print legend available on request)

Delivery length: 2000 m ±5% on plywood reel or solid wooden non-returnable drum