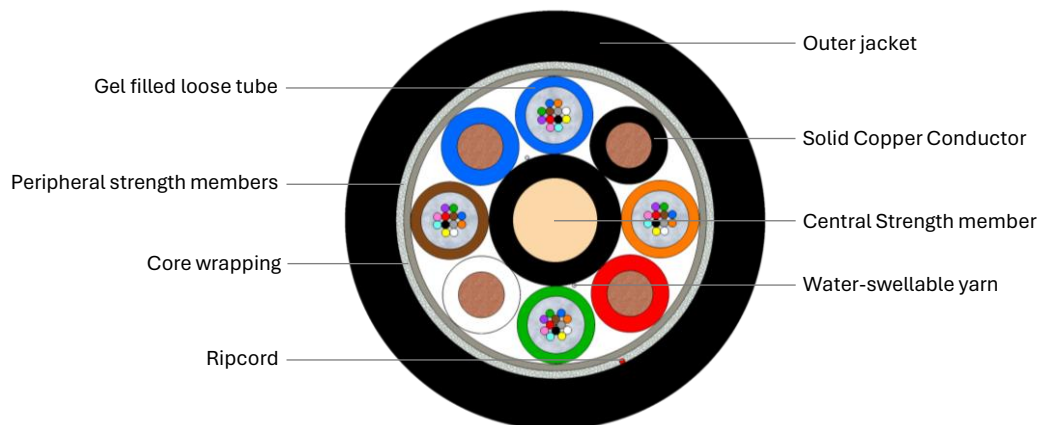


Hybrid copper/fiber cable allows to power devices (cameras, sensors, etc.) and at the same time data transmission via optical fibers in one cable.



Fibre Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4, OM5
Fibre colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube colour	Blue, Orange, Green, Brown
Copper conductor	Solid copper wire 1.5 mm ² , HDPE insulation
Copper conductor colour	Black, Red, White, Blue
Central strength member	FRP rod (coated if necessary)
Core wrapping	Water-swellable tape
Peripheral strength members	Water-swellable glass yarns
Ripcord	1x under outer jacket
Outer jacket material	UV resistant black HDPE
Outer jacket thickness	1.5 mm

Number of fibres	12	12	24	24	48	48		
Number of fibres in tube	12	12	12	12	12	12		
Tube count	1	1	2	2	4	4		
Copper conductor count	2	4	2	4	2	4		
Filler count	2	0	1	0	0	0		
Nominal outer diameter (mm)	10.2	10.2	10.2	11.0	11.0	12.4		
Calc. cable weight (kg/km)	115	141	132	167	175	219		
Short-term tensile strength (N)	2700	2700	2700	3200	3200	3600		IEC 60794-1-101
Long-term tensile strength (N)	1000	1000	1000	1400	1400	1500		IEC 60794-1-101
Crush resistance (N/100 mm)				2000				IEC 60794-1-103
Max. impact loading (Nm)				10				IEC 60794-1-104
Min. bend radius not load (OD)				15				IEC 60794-1-111
Min. bend radius load (OD)				20				IEC 60794-1-111
Operating temperature range (°C)				-40 to +70				IEC 60794-1-201
Storage temperature range (°C)				-40 to +70				IEC 60794-1-201
Installation temperature range (°C)				-15 to +50				IEC 60794-1-201
Water tightness (1 m / 24 hrs.)				No leakage				IEC 60794-1-205
Class of fire reaction				Fca				EN 50575, EN 13501-6
Testing voltage (kV)				2				
Resistance (Ohm/km at 20°C)				24.5				

Number of Fibers	Number of conductors	Cable Code (Ordering Code)	Delivery length	Packing
12	2	OPK-O-HCLTS-12(5x2.3)LTGEP+2x1.5mm2-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden drum
12	4	OPK-O-HCLTS-12(5x2.3)LTGEP+4x1.5mm2-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden drum
24	2	OPK-O-HCLTS-24(5x2.3)LTGEP+2x1.5mm2-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden drum
24	4	OPK-O-HCLTS-24(6x2.3)LTGEP+4x1.5mm2-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden drum
48	2	OPK-O-HCLTS-48(6x2.3)LTGEP+2x1.5mm2-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden drum
48	4	OPK-O-HCLTS-48(8x2.3)LTGEP+4x1.5mm2-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden drum

xx – fibre type (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.