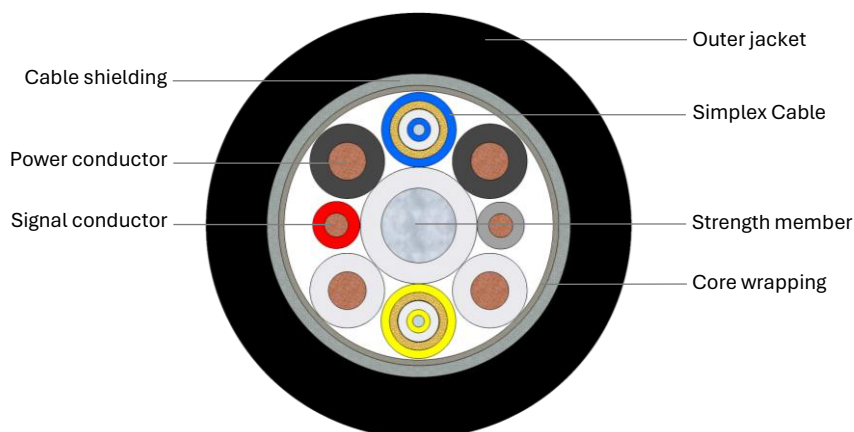


SMPTE Hybrid Camera Cable

Hybrid copper/fiber cable for applications where there is a requirement for data communication by fiber optic and at the same time is needed power supply. Suitable for FTTA applications, CCTV systems.



Fibre Type	G.657.A1, G.657.A2
Fibre colour	Blue, Yellow
Buffer diameter	0.9 mm
Buffer material	PA12 (Nylon)
Buffers colour	Natural-transparent
Simplex colour	Blue, Yellow
Simplex jacket	Halogen-free flame-retardant thermoplastic compound
Simplex diameter	1.6 mm
Power conductor Colour	Black (2x), White (2x)
Power conductor type	Stranded Tinned Copper, AWG 20 (19x0.2 mm)
Insulation material	HDPE
Power conductor diameter	1.6 mm
Signal conductor Colour	Grey, Red
Signal conductor type	Stranded Tinned Copper, AWG 24 (7x0.2 mm)
Insulation material	HDPE
Signal conductor diameter	1.1 mm
Central strength member	Galvanized steel wires, coated FR-LSHF
Core wrapping	non-woven fabric tape
Shield	Tinned copper wire braiding, covering density min. 95%
Outer jacket	UV stable Flame-retardant TPU Outer Jacket
Outer jacket colour	Black
Outer jacket thickness	1.5 mm

Number of fibres	2	
Number of power conductors	4	
Number of signal conductors	1	
Nominal outer diameter (mm)	9.1	
Calc. cable weight (kg/km)	124	
Tensile strength (N)	800	IEC 60794-1-101
Crush resistance (N/100 mm)	2000	IEC 60794-1-103
Max. impact loading (Nm)	6	IEC 60794-1-104
Min. bend radius @ 20°C (mm)	65	IEC 60794-1-111
Operating temperature range (°C)	-40 to +70	IEC 60794-1-201
Power conductor		
Resistance	≤35.3	Ω/km @ 20°C
Insulation resistance	≥10 000	MΩ•km @ 20°C
Test Voltage	1750	V / AC _{eff}
Operating Voltage	600	V / AC _{eff}
Signal conductor		
Resistance	≤97.5	Ω/km @ 20°C
Insulation resistance	≥10 000	MΩ•km @ 20°C
Test Voltage	1750	V / AC _{eff}
Operating Voltage	300	V / AC _{eff}
Class of fire reaction	Fca	EN 50575, EN 13501-6

Cable Code (Ordering Code) OPK-U-SPCC0020-2(2x1.6)N9AHEWU-xx-BK xx – fiber type (see Cable code datasheet)
Delivery length 2100 m ± 5% on solid wooden drum

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.

OPTOKON Kable Co., Ltd., s.r.o. reserves the right to make changes in this specification without prior notice.