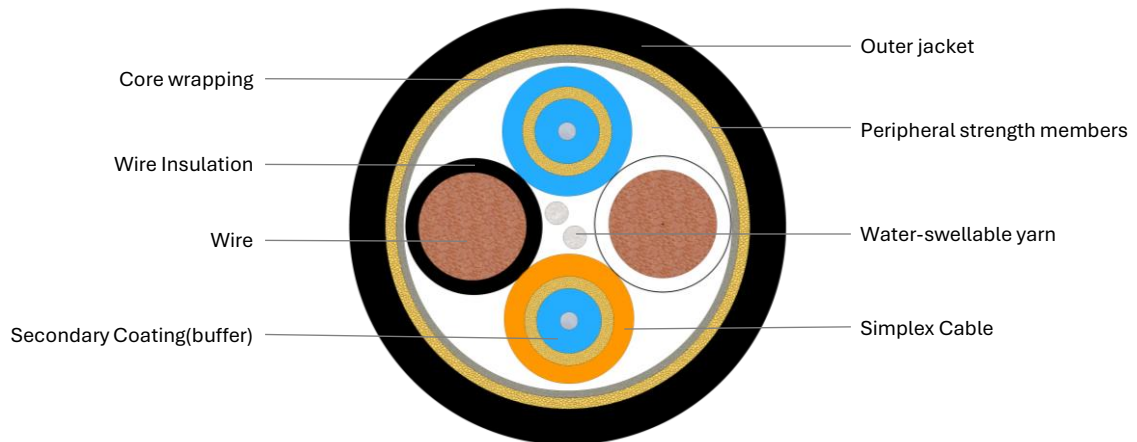


Hybrid Cable 2F + 2x CuSn

Cable for application where there is a requirement for data communication by fiber optic and the same time is needed power supply.
Suitable for FTTH applications and CCTV systems.



Picture not to scale. For illustration only.

Fibre Type	G.652.D, G.657.A1, G.657.A2, OM1, OM2, OM3, OM4
Fibre colour	Natural
Buffer colour	EIA/TIA-598A
Buffer material	UV curable acrylate
Simplex colour	EIA/TIA-598A
Simplex jacket material	Halogen-free flame-retardant thermoplastic compound
Wire material	Stranded Tinned Copper , AWG 16 (19x0.3 mm)
Wire Insulation material	FEP (Fluorinated Ethylene Propylene)
Wire Insulation colour	EIA/TIA-598A
Core wrapping	Water-swellable tape
Peripheral strength members	Water-swellable Aramid yarns
Outer jacket material	UV resistant, Flame-retardant (V-0, UL94) Thermoplastic Polyurethane*

Number of fibres	2	
Wire count	2	
Buffer diameter(mm)	0.9	
Simplex diameter (mm)	1.8	
Wire Insulation diameter (mm)	1.9	
Nominal outer diameter (mm)	7.3	
Calc. cable weight (kg/km)	66	
Short-term tensile strength (N)	500	IEC 60794-1-101
Long-term tensile strength (N)	80	IEC 60794-1-101
Short-term crush resistance (N/100 mm)	1500	IEC 60794-1-103
Max. impact loading (Nm)	10	IEC 60794-1-104
Min. bend radius not load (OD)	10	IEC 60794-1-111
Min. bend radius load (OD)	15	IEC 60794-1-111
Wire resistance (Ohm/km at 20°C)	14.6	
Wire Insulation Spark Test 3000V/0.15 sec	PASS	
Test voltage 2000V underwater 1 hour at the room temperature	PASS	
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

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
2	OPK-U-SPC-2(4x1.8)A9AHEU-xx-BK	2000 m ± 5%	Solid wooden non-returnable 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.