



HYBRID CABLES



CAT 6 HYBRID

✓STUDIO ✓INSTALLATION

sPVC OFC DIGITAL

APPLICATION

These hybrid cable with a 3 x 2.5 mm² mains power cable combined with one 23 AWG CAT 6 cable. The digital signal pair is shielded by aluminium/polyester foil screen and covered with a black sPVC jacket. Also used for digital remote all broadcast systems.

CONSTRUCTION DATA

Data pair	2 x Cat 6 23 AWG
Core Numbers x Section	4 x 2 x AWG 23
Stranded Copper Conductor	23 AWG Solid bare copper
Conductor Insulation	1,0 ± 0,05 mm Ø PE
Conductor Color Code	Pair 1: Blue/White-Blue
ANSI/TIA/EIA-568 B.2	Pair 2: Orange/White-Orange
	Pair 3: Green/White-Green
	Pair 4: Brown/White-Brown
Separator	Pvc Filler
Outer Sheath	Pvc Compound
Outer Diameter	6,1 mm Ø
Power cores	
Core Numbers x Section	3 x 2,50 mm ² (AWG 13)
Stranded Copper Conductor	45 x 0,25 mm Stranded bare copper
Conductor Insulation	3,60 ± 0,05 mm Ø PVC
Stranded Drain Wire	7 x 0,20 mm Ø Tinned copper
Shielding	Al / Pes - Foil
Shielding Factor	100%
Outer jacket:	sPvc Matt ,Black
Weight	25,6 kg/100 m
Outer Diameter	16,5 mm Ø

ELECTRICAL DATA

Conductor Resistance	Data	< 69 ohm / km
	Power	< 7,1 Ω / km
Shield Resistance		< 75 Ω / km
Insulation Resistance		> 2000 MΩ x km
Capacitance	Data	
	core/core	75 pF / m
	core/screen	130 pF / m
Nominal Impedance	1 KHz	110 Ω / 100 m

MECHANICAL DATA

Minimum bending radius	12 x D (D= outer diameter)
Temperature range	- 5° C to + 70° C
Mobile installation	-30° C to + 70° C
Fixed installation	

■ BLACK

