

HC5..P15

CAT5 patch & power - system cable network / control

- 1 (or 2) double shielded CAT5 patch cable(s)
- power 3 x 1.5 mm²



Composite

Twisting	1 (or 2) CAT5 patch cables + 1 power cable + tracers
Taping	Fleece
Outer Jacket	PVC
Working Temperature	-20°C / +70°C
Min. Bending Radius	10 x outer diameter

Data Cable

Type	CAT5-Patch SF/UTP
Conductor	stranded bare copper, 7 x 0.16 mm
Insulation	Foam-Skin PE
Core Arrangement	4 Pairs twisted
Shielding	AL/PETP foil + tinned copper braid (coverage 85%)
Outer Jacket	PVC, black, Ø 5.8 mm
Conductor Resistance	140 Ω/km
Capacitance	47 pF/m
Characteristic Impedance	100 Ω ± 15 %
Attenuation [dB/100m]	
10 MHz	8.4
100 MHz	29.9

Power Cable

Conductor	stranded bare copper, 30 x 0.25 mm
Cross Section	3 x 1.5 mm ²
Insulation	PE
No. of Cores	3
Jacket	PVC, black, Ø 6.7 mm
Conductor Resistance	13 Ω/km
Insulation Resistance	> 0.01 M Ω x km
Max. Operating Voltage	250 V
Test Voltage	2000 V

Composite

Verseilung	1 (oder 2) CAT5 Patchkabel + 1 Netzleitung + Beilauffäden
Bewicklung	Vlies
Außenmantel	PVC
Betriebstemperatur	-20°C / +70°C
Min. Biegeradius	10 x Außendurchmesser

Datenleitung

Typ	CAT5-Patch SF/UTP
Leiter	blanke Cu-Litze, 7 x 0,16 mm
Isolation	Foam-Skin PE
Aderanordnung	4 Paare miteinander verseilt
Abschirmung	AL/PETP-Folie + verzinktes Cu-Geflecht (85% Bedeckung)
Außenmantel	PVC, schwarz, Ø 5,8 mm
Leiterwiderstand	140 Ω/km
Kapazität	47 pF/m
Wellenwiderstand	100 Ω ± 15 %
Dämpfung [dB/100m]	
10 MHz	8,4
100 MHz	29,9

Netzleitung

Leiter	blanke Cu-Litze, 30 x 0,25 mm
Leiterquerschnitt	3 x 1,5 mm ²
Isolation	PE
Aderanzahl	3
Mantel	PVC, schwarz, Ø 6,7 mm
Leiterwiderstand	13 Ω/km
Isolationswiderstand	> 0,01 M Ω x km
Max. Betriebsspannung	250 V
Prüfspannung	2000 V

■ black

Order Code Bestell-Nr.	Outer Ø Außen Ø	Colour Farbe	Weight Gewicht	Standard Length [m] Standard Längen [m]	Max. Length / Reel Max. Länge / Spule
HC51P15	15.0 mm	black	240 g/m	—	500 m
HC52P15	16.1 mm	black	280 g/m	—	500 m