



PVC CAT 7 3G 1.5 3G 2.5

This hybrid cable (data & power cable) has a robust, highly flexible soft PVC outer jacket and enables a wide range of applications as a connection to modern, computer-controlled devices and systems. Two flexible CAT7 lines connect components of digital audio networks such as Dante™, CobraNet® and EtherSound® or transmit DMX control signals based on the ArtNet®, MA-Net or Pathport protocols. The cable also serves as a solution in the IT sector when a network connection plus power line is required. Thanks to the double shielding (Al-foil + dense copper braiding) of the CAT7 cables, the interference-free transmission of high data rates up to 10 Gbit over long distances is possible without any problems even in electromagnetically influenced environments.

hybrid

twisting	2 CAT7 patch cables + 1 ou 2 power cables + tracers
taping	fleece
outer jacket	PVC
min. bending radius	10x overall diameter
temperature range	
mobile use	-30°C / +80°C
installed	0°C / +50°C
CE conformity	acc. to EU directivo LVD 2014/35/EU
no hazardous substances	acc. to EU directivo RoHS 2011/65/EU from 08.06.2011
flame retardancy	flame retardant acc. to IEC 60332-1-2

data cable

type	CAT7 patch S/FTP
conductor	stranded tinned copper, AWG 26/7
insulation	foam-skin PE
core arrangement	4 pairs twisted
shielding	AL/PET foil + tinned copper braid
outer jacket	PVC
conductor resistance	149 Ω/km
capacitance	45 pF/m
characteristic impedance	100 Ω ± 15%
nom. attenuation [dB/100m]	
10 MHz	10.3
100 MHz	28.8
600 MHz	73.0

hybrid cable

2x CAT7 patch + power 1.5 mm² / 2.5 mm²

- 2x CAT7 patch cables, double shielded (S/FTP)
- CAT cables with tinned copper wire (AWG 26/7)
- suitable for 10Gbit applications
- power cable 3x 1.5 mm² or 2.5 mm² with bare stranded copper wire according to IEC 60228
- robust, highly flexible soft PVC outer jacket

power cable

conductor	stranded bare copper, fine-wired acc. to IEC 60228, class 5
cond. cross section	3 x 1.5 / 2.5 mm ²
insulation	polyethylene (PE)
no. of cores	3
jacket	PVC, black, Ø 6.7 mm
conductor resistance	13 Ω/km
insulation resistance	> 0,01 MΩ x km
max. operating voltage	300 V
test voltage	2000 V

maximum transmission range (device-to-device)

100Base-T (100 Mbit Ethernet)	60 m
1000Base-T (Gbit Ethernet)	60 m
10GBase-T (10 Gbit Ethernet)	60 m

order code	included cable types	cond. cross section mm ²	outer Ø mm	cable color	weight kg/m
HC72P15	2x CAT7 + power	1.5	16.8	black	0.3
HC72P25	2x CAT7 + power	2.5	19.6	black	0.44

technical specifications are subject to change