

INDOOR DATA CABLE CAT 6 UTP



INKA CAT 6 Dca/50 m white

Article number 695020602

PRODUCT CATEGORY: 41

STATUS: AVAILABLE September 1st 2018



Product

INKA CAT 6 Dca/50 m white

Premium grade CAT 6 UTP network cable. Easy to connect to RJ 45 connectors such as the CAT RJ 45+T from Hirschmann Multimedia. This UTP network cable is suitable for use in Ethernet networks, xDSL, ISDN, LAN, FTTH, Video and PoE (Power over Ethernet). Equip your products with a Gigabit internet connection: network switches, desktop computers, VOIP, IP cameras, routers, Access Points, etc.

You can find installation instructions on www.install-your-data.net.

Properties



Certificates

Included

N/A

Tools

N/A

Instruction video

www.montagefilm.net

Instruction card

www.install-your-data.net

Mechanical Specifications

Dimensions hwxwx
255 x 255 x 85 mm

Weight
2,0 kg

Color
White

PRODUCTSHEET INKA CAT 6 Dca/ 50 m

INDOOR DATA CABLE CAT 6 UTP

Specifications

Application

Premium grade Class E data cable for building structured premises cable, to build Gigabit Ethernet connections.

Structural specification

Conductor Bare copper wire, diameter 0.55 mm (AWG23)
Insulation Solid PE, diameter 0,95 mm
Sheath FRNC/LSZH, diameter 5,8 mm

Mechanical specification

Operating temperature -40 °C to +70 °C
Installation temperature -20 °C to +60 °C
Maximum pulling tension 100 N
Min. bending radius single 8XD
repeated 4XD
Crush resistance 1000 N/10 cm
Impact strength 10 impacts

Electrical specification (at 20 °C)

Characteristic impedance 100 Ohm ± 5 (@100 MHz)
DC resistance 76 Ω/km
Resistance unbalance 2%
Insulation resistance 2G Ω/km
Mutual Capacitance 48 pF/m
Capacitance unbalance 1500 pF/km
Coupling attenuation 45 dB
Velocity of propagation app. 67 %
Propagation delay 535 ns/100m
Skew at 100 MHz 20 ns/100m
Testing voltage 1000 V
Operating voltage 125 V

Standards

International standard ISO/IEC 11801 2nd ed, IEC 61156-5
European standard EN 50173-1, EN 50288-6-1

Euro class Dca s2,d2,a1

DoP nr: NB 2479
Certified body Low Voltage Directive 2006/95/EC
CE EC Directive 2011/65/EU
RoHS

Flame Resistancy

Flame retardancy IEC 60332-1-2
Halogen Free IEC 60754-1/2
Smoke density IEC 61034-1/2

Contact

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Wiring diagram

N/A

Related product - CAS 8 shop

Article number 695020395



Related product - CAT 6 RJ 45 + 10 shop

Article number 695020601



Related product - KS 6A/2 shop

Article number 695020600



Hirschmann Multimedia B.V.

Hirschmann Multimedia B.V. is an international knowledge company and manufacturer, located in Weesp - The Netherlands. Hirschmann Multimedia focusses on leading the market by being innovative, flexible and renewing.

Hirschmann Multimedia Products (HMP):

Serving the retail and installer market, Hirschmann Multimedia Products is expanding from The Netherlands and Belgium towards 16 other European countries as of 2014. Through a qualified and selected dealer and installer network, HMP provides in products for COAX, IP and satellite systems.