



# DESKPATCH U-UTP

## Technical Data Sheet

### DESKPATCH Cat 6A RJ 45 Patch Cords:

**DESKPATCH** is an original concept of RJ 45 cable using a cable tidy system that always puts the cable at the right length

**DESKPATCH** RJ 45 Patch Cords are designed, and tested to connect the network equipment to patch panels and network user outlets. They are warranted for cat 6A TIA/EIA-568-B-2.1 AD10 and ISO/IEC 11801 Channel test on a Permanent Link certified for transmission frequencies of up to 500 MHz.

### Main characteristics

- Patch cord U/UTP 5 meters Cat 6A,
  - U/UTP cable with cross web
  - special RJ 45 boot with insert and wires separator
  - slim boot (same width as the RJ 45), color dark grey
  - length : 5 and 10 meters
- Color cable: 4 colors cable with blue marking:
  - blue sky
  - red violet
  - apple green
  - white shining
- Cable tidy:
  - 5 meters cable capacity
  - fixation by double-sided tape or screws
  - closure cap blister
- Dimensions and Weight:
  - outside diameter : 180 mm,
  - thickness : 30 mm
  - total weight: 270 grs
  - base and cap weight: 80 grs

## DESKPATCH TECHNICAL DATA SHEET

### Patch Cord technical Data Sheet

#### Construction

<b>Number of pairs</b>	4
<b>Type</b>	UTP with plastic cross web
<b>Conductor</b>	Stranded bare copper wire
<b>AWG</b>	24
<b>Insulation</b>	Foam Skin Polyethylene, (Diameter : 0.93 / 0.98 mm, min. thickness: 0.153 mm)
<b>Pair screen</b>	n a
<b>Individual pair screen</b>	n a
<b>Drain</b>	n a
<b>Jacket</b>	PVC different colors with blue printing
<b>Overall diameter</b>	6.0 +/- 0.15 mm
<b>Plug housing</b>	UL 1863 Polycarbonate
<b>Boot</b>	Special RJ 45 boot with insert and wire separator
<b>Contacts</b>	Moved contacts
<b>Contact Plating</b>	50 µ inches minimum (1.2 µm)
<b>Shielding</b>	n a

#### Mechanical Properties of the cable

Fire Propagation Test	Temperature range During operation	Tensile strength	Bending radius
UL 444 CM CMR	-20°C up to +75°C	2 000 PSI	>25 mm without load

#### Electrical Properties of the cable (at 20°C +/- 5°C)

Conductor DC resistance	Insulation resistance (500V)	Mutual Capacitance	Impedance 1-100MHz	Impedance 100-250MHz	Propagation delay	Voltage rating
87.6 Ω/km at 20°C	> 2000 MΩ*km	5.6 nF / 100m nominal	100 +/- 15 Ω	100 +/- 15 Ω	< 45ns/100m	300 V

### Base and Cap Data Sheet

- Base:
  - outside diameter : 180 mm
  - minimum diameter of the cable winding : 72 mm
  - thickness: 30 mm
  - color: dark grey
  - material : PP (Polypropylene)
  - weight : 65 grs
- Blister cap:
  - material: PET (Polyethylene Terephthalate)
  - color: transparent
  - weight : 15 grs

# DESKPATCH TECHNICAL DATA SHEET

## Drawings and Pictures

