



DESKPATCH F-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 F/UTP 5 meters Cat 6A,
 - F/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

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

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

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Drawings and Pictures

