

# 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

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#### DESKPATCH TECHNICAL DATA SHEET

#### **Patch Cord technical Data Sheet**

#### Construction

Number of pairs	4				
Туре	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	na				
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℃ up to +75℃	2 000 PSI	>25 mm wi thout load

Electrical Properties of the cable (at 20℃ +/- 5℃)

Conductor DC resistance	Insulation resistance (500V)	Mutual Capacitance	Impedance 1-100MHz	Impedance 100-250MHz	Propagation delay	Voltage rating
87.6 Ω/km at 20℃	> 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 greymaterial : PP (Polypropylene)

- weight: 65 grs

Blister cap:

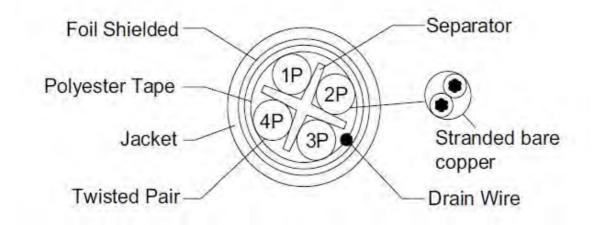
- material: PET (Polyethylene Terephthalate)

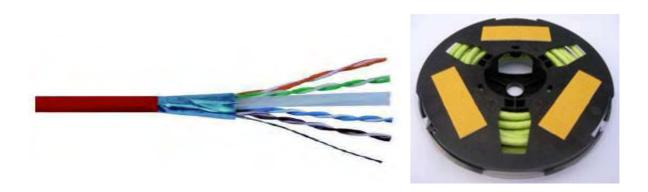
- color: transparent - weight: 15 grs

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### **Drawings and Pictures**







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