

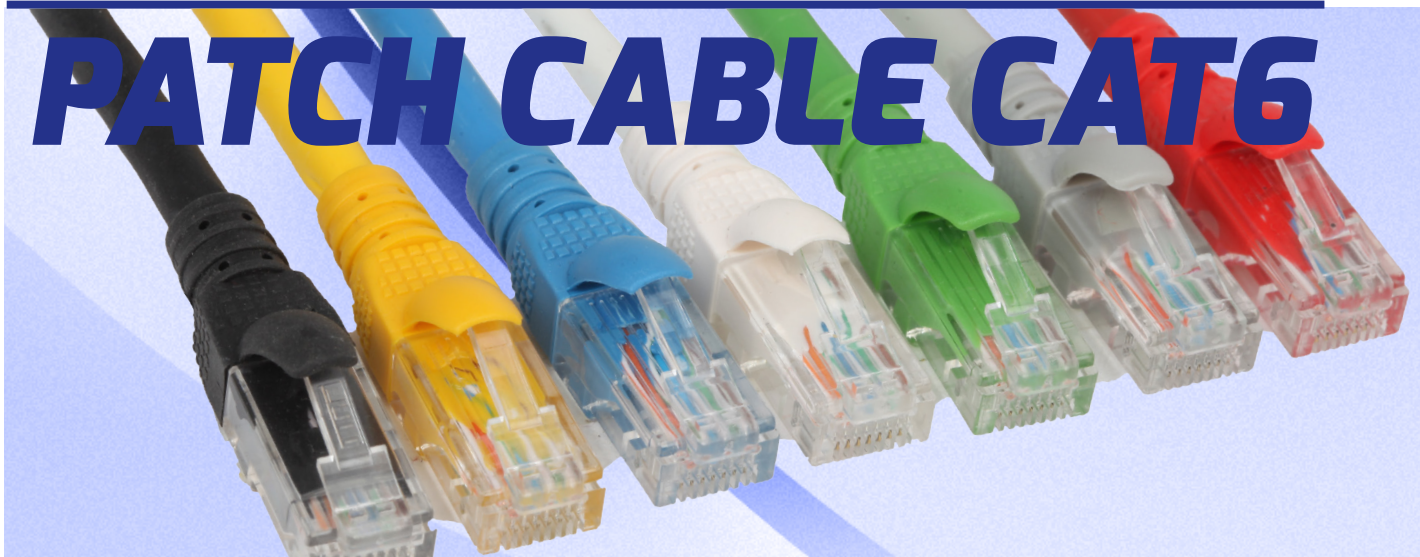
# NETWORK COMMUNICATION SOLUTIONS

## CAT6 SERIES

### UTP / FTP CAT6 PATCH CABLES



# PATCH CABLE CAT6



### FEATURES

- » Class E/Category 6 standards compliant
- » Molded RJ45 connectors
- » Electrically compliant beyond 250 Mhz
- » Connector connection material; 1,27µm(50 µ-inc) gold plated over 2,54µm(100 µ-inc) Nickel
- » 6 standard colours (Grey, White, Blue, Red, Yellow, Green, Orange)
- » 9 standard lengths (0,5m, 1m, 2m, 3m, 5m, 7m, 10m, 15m, 20m), other lengths are available upon request.
- » Carefully constructed and tested, to keep Near End Crosstalk (NEXT) well within acceptable limits
- » Colored hoods for departmental color coding
- » Constructed with top quality components
- » RoHS compliant 2002/95/EC
- » High quality 23/24/AWG Solid and stranded copper wire
- » Number of Conductors 4 Pair UTP
- » Number of insulated conductors 8 twisted per
- » Cable jacket type, PVC-Polyvinyl Chloride
- » Connector A&B RJ-45 Male, RJ-45 Male
- » Both of RJ-45 connectors available IEC 60603-7-41 terminated



### APPLICATIONS

- » Designed for use with Megabit&Gigabit networks
- » Patches from hub to distribution panel
- » Connects workstation to wall outlet
- » 10 Base-T,100 Base-TX,1000Base-TX
- » Token Ring 4-16 Mbit, 155-622 Mbit ATM
- » ISDN etc..

### TECHNICAL SPECIFICATIONS

- |                         |  |
|-------------------------|--|
| » Outer Diameter        | : 5,7 mm(nom)  |
| » Durability            | : 750 Loop   |
| » Impedance             | : 100 ohm  |
| » Contact Resistance    | : 20m Ohm max.   |
| » Imbalance Resistance  | : %2 Max   |
| » Dielectric Strength   | : 1000 Volt/1 minute min.  |
| » Isolation Resistance  | : 500MOhm min.@500 Vdc   |
| » Storage Temperature   | : -40°C.....+80°C  |
| » Operating Temperature | : -20°C.....+60°C  |
| » Outer jacket          | : PVC / LSZH   |
| » Retention             | : 50 N ( 11 IBF ) for 60 ± 5 s   |
| » Mating cycle life     | : Min. 1000 cycles   |
| » Tensile strength      | : ≥ 20 N per wire  |
| » Type                  | : Unshielded RJ45 8P8C modular plug.                                     |
| » Housing               | : UL listed 94V-0 flame retardant polycarbonate                          |
| » IDC blades            | : Phosphor bronze, gold plating over 100 µ in of nickel in contact area. |

### CERTIFICATES AND TEST NUMBERS

- » UL CODE : Keystone Jack shall be UL Listed under file number E357704
- » 3P CODE : P/N TTAF Attestation of Conformity No.113796
- » ETL Conformance Number is 101769064CRT-001c

### STANDARD AND PERFORMANCES

- » ANSI / EIA / TIA 568-C.2
- » ISO / IEC – 11801
- » EN 50173
- » IEC 60603-7-4
- » IEC 60332-1

COLOUR: \_\_\_\_\_ LENGTH: \_\_\_\_\_  
**FO-UTP-CAT6-XYZZZ**

**Art No**
**Product Description**
**FO-UTP-CAT6-XYZZZ**
**4x2x24 UTP Cat6 Patchcord L: x meter.**
