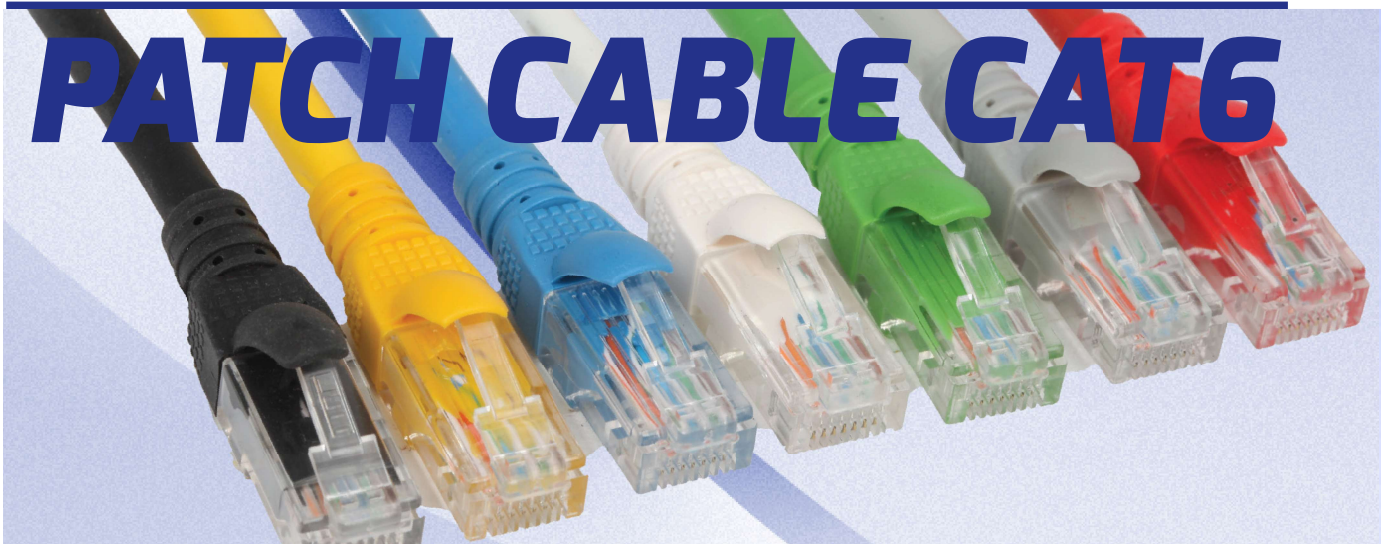


NETWORK COMMUNICATION SOLUTIONS

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.



CAT6 SERIES

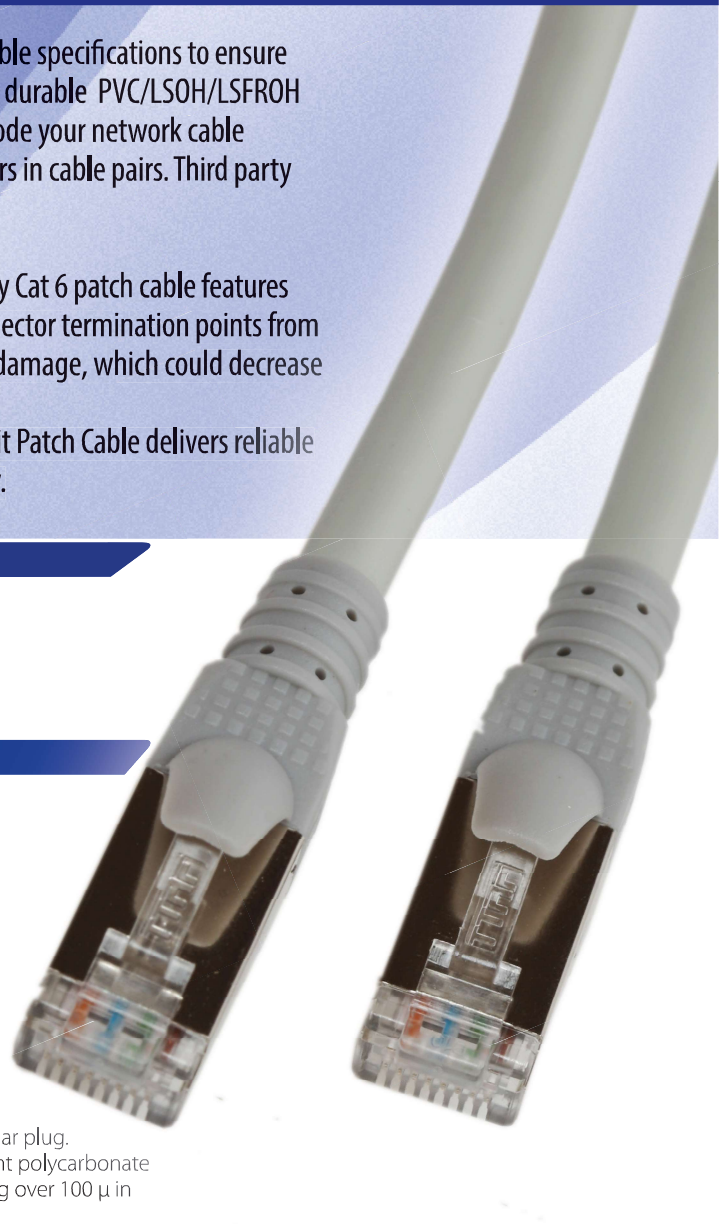
UTP / FTP CAT6 PATCH CABLES



Cat 6 Patch Cable meets or exceeds all Category 6 cable specifications to ensure reliable Gigabit network connections, and features a durable PVC/LSOH/LSFROH and NON-PLENUM jacket that enables you to color code your network cable runs as needed. Stranded and solid copper conductors in cable pairs. Third party certification at a component level.

To ensure long-lasting performance, this high quality Cat 6 patch cable features molded PVC strain relief that prevents the RJ45 connector termination points from bending at sharp angles - reducing the risk of cable damage, which could decrease network performance.

Constructed of only top quality materials, this Gigabit Patch Cable delivers reliable performance and is backed by our Lifetime Warranty.



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 : 1000 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.
- » Conductor : Stranded bare copper.
- » AWG : 24/26 AWG
- » Drain Wire : Solid tinned copper.

CERTIFICATES

- » ETL Conformance Number is 101769064CRT-001d

STANDARD AND PERFORMANCES

- » ANSI / EIA / TIA 568-C.2
- » ISO / IEC – 11801
- » EN 50173
- » IEC 60603-7-5
- » IEC 60332-1

COLOUR ——— LENGTH
FO-FTP-CAT6-XYZZZ

Art No

Product Description

FO-FTP-CAT6-XYZZZ

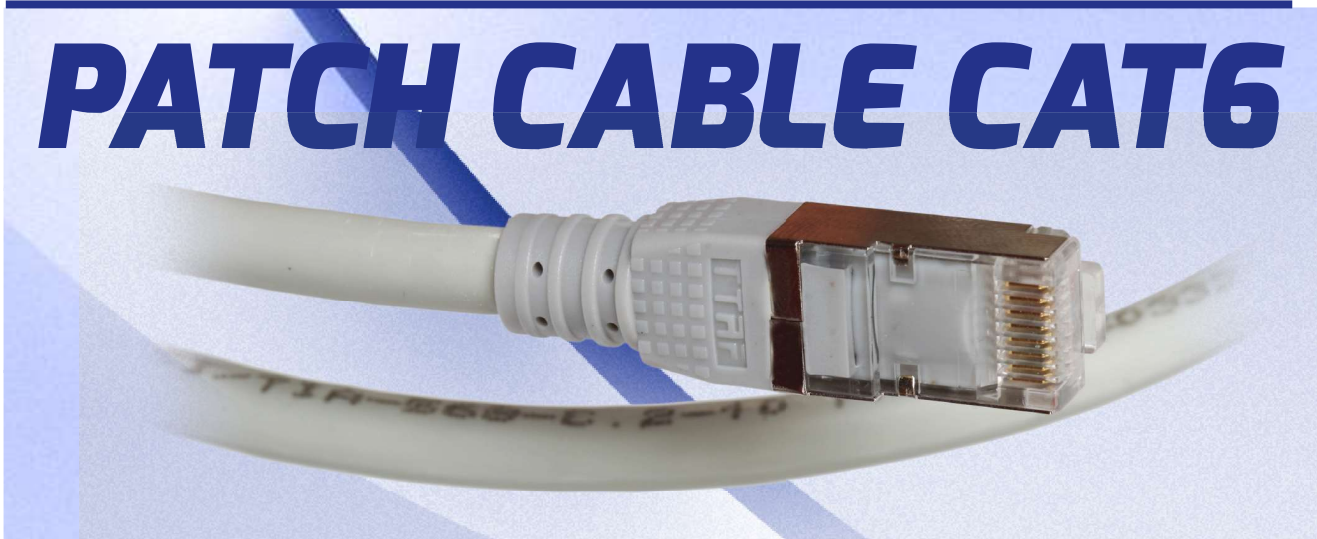
4X2X24 FTP CAT6 Patchcord L: x meter.



NETWORK COMMUNICATION SOLUTIONS

CAT6 SERIES

SFTP CAT6 PATCH CABLES



PATCH CABLE CAT6

FEATURES

- » Designed for use with Megabit&Gigabit networks
- » Patches from hub to distribution panel
- » Connects workstation to wall outlet
- » 10 Base-T, 100 Base-TX Fast Ethernet, 1000Base-T (IEEE802.3)
- » Token Ring 4-16 Mbit, 155-622 Mbit ATM
- » ISDN, Voice, T1
- » Power over Ethernet (POE)
- » 250 Mhz Broadband Video



TECHNICAL SPECIFICATIONS

- | | |
|----------------------------|--|
| » Outer Diameter | : 6 mm ± 0.2mm |
| » Durability | : 1000 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.....+80°C |
| » Retention | : 50 N (11 lBF) 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. |
| » Transmission Performance | : 1-750 Mhz specifications. |
| » Constructor | : 4 pairs, 7 strands, 24/26 Awg, SFTP |
| » Cable Type | : SFTP (PIMF) Cat 6 Cable |
| » Outer Jacket | : PVC / LSZH |

STANDARD AND PERFORMANCES

- » ANSI / EIA / TIA 568-C.2 T568A & T568B
- » ISO / IEC – 11801
- » EN 50173
- » IEC 60603-7-5
- » IEC 60332-1

COLOUR → LENGTH
FO-SFTP-CAT6-XYZZZ



Art No

Product Description

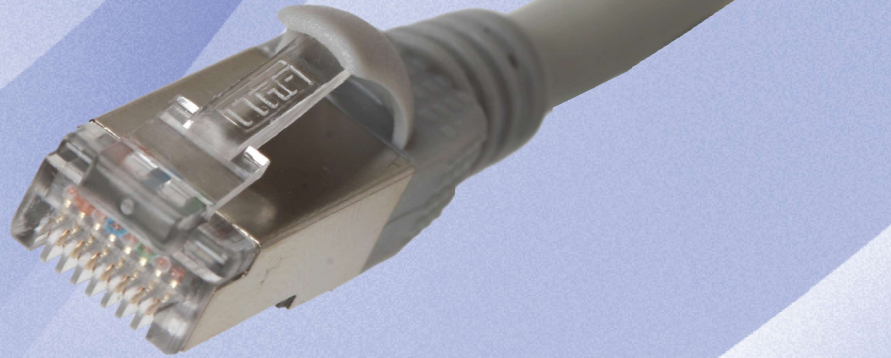
FO-SFTP-CAT6-XYZZZ

SFTP Cat6 Patchcord L: x meter.



CAT6a SERIES
SFTP CAT6a PATCH CABLES

PATCH CABLE CAT6a



Transmission specifications

Frequency (MHz)	Next (dB/100m)				Return Loss (dB/100m)			
	1m	2m	5m	10m	1m	2m	5m	10m
1 MHz	65.0	65.0	65.0	65.0	19.80	19.80	19.80	19.80
4 MHz	65.0	65.0	65.0	65.0	21.61	21.61	21.61	21.61
10 MHz	65.0	65.0	64.5	62.9	22.80	22.80	22.80	22.80
16 MHz	62.6	62.0	60.5	59.0	23.41	23.41	23.41	23.41
20 MHz	60.7	60.1	58.6	57.2	23.70	23.70	23.70	23.70
31.25 MHz	56.9	56.2	54.9	53.6	23.05	23.05	23.05	23.05
62.5 MHz	51.0	50.4	49.2	48.1	20.04	20.04	20.04	20.04
100 MHz	47.0	46.4	45.3	44.4	18.00	18.00	18.00	18.00
200 MHz	41.1	40.6	39.8	39.3	15.00	15.00	15.00	15.00
250 MHz	39.2	38.8	38.1	37.6	14.00	14.00	14.00	14.00
300 MHz	36.4	36.2	35.9	35.8	12.80	12.80	12.80	12.80
400 MHz	31.8	31.9	32.1	32.5	10.90	10.90	10.90	10.90
500 MHz	28.2	28.4	29.0	29.8	9.50	9.50	9.50	9.50

CERTIFICATES

- » ETL Conformance Number is 101268027CRT-001

TECHNICAL SPECIFICATIONS

- » Outer Diameter : 6,5 mm(nom)
- » Durability : 1000 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 : ≥ 90 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.
- » Conductor : Stranded bare copper.
- » AWG : 24/26 AWG
- » Drain Wire : Solid tinned copper.

STANDARD AND PERFORMANCES

- » ANSI / EIA / TIA 568-C.2
- » ISO / IEC – 11801 Class Ea
- » EN 50173
- » IEC 60603-7-51
- » 10 GBASE-T 10 Gigabit Eth.

APPLICATIONS

- » Designed for use with Gigabit networks
- » Patches from hub to distribution panel
- » Connects workstation to wall outlet
- » 10 Base-T, 100 Base-TX Fast Ethernet, 1000Base-T (IEEE802.3), 100 Base T4
- » Token Ring 4-16 Mbit, 100VG-Any LAN
- » 155, 622, 1200 Mbit ATM
- » ISDN, Voice, T1, Voip
- » Power over Ethernet (POE)
- » 500 Mhz Broadband Video



COLOUR _____ LENGTH _____

FO-SFTP-CAT6a-XYZZZ

Art No

Product Description

FO-SFTP-CAT6a-XYZZZ

SFTP CAT6a Patchcord L: x meter.