

Cat.5e 4 Pair UTP Cable

Application:

- Voice
- ISDN
- 10Base T(IEEE 802.3)
- Fast Ethernet(IEEE802.3u)
- 100Vg-AnyLAN(IEEE 802.12)
- Token Ring(IEEE 802.5)
- TP-PMD(ANSI X3T9.5)
- 100Base-T Ethernet(IEEE 802.5)
- 155/622 Mbps ATM
- 1000Base-T
- 550 MHz Broadband Video

Industry Standard:

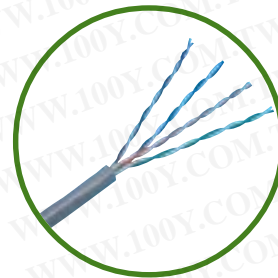
- UL, C(UL), ETL Verified
- TIA/EIA 568B
- ISO/IEC 11801
- EN 50173

Cable Data:

- No. of Pairs: 4
- Jacket Color: Gray
- Insulation Thickness: $0.195 \pm 0.01\text{mm}$
- Nom.O.D.: $5.0 \pm 0.2\text{mm}$
- Flame Rating: CM

Product Electrical Characteristics:

- Impedance: 100 ± 15 ohms
- Resistance Unbalance 100m: 5% max.
- Mutual Capacitance, max. nf/ 100m: 5.6
- DC Resistance, max. ohms/100m: 9.38
- Capacitance Unbalance(Pair to Ground): 330pf/ 100m max.



Frequency (MHz)	ASRL(db) Minimum	Attenuation Max. dB/100M		NEXT Minimum dB/100m	Power Sum Minimum dB/100m
0.772	26	1.8	5.5	67	64
1	26	2.0	6.5	65	62
4	26	4.1	12.5	56	53
10	26	6.5	19.8	50	47
16	26	8.2	25	47	44
20	26	9.3	28.3	45	42
31.25	26	11.7	35.7	42	39
62.5	24	17.0	51.8	38	35
100	21	22.0	67.1	35	32
125	19	25	76.3	34	31

P/N	Description	Package
1101-03003	<ul style="list-style-type: none"> • Conductor: 24AWG Bare Solid Copper • Insulation: HDPE, FRPE, 100%FEP • Ripcord: Under jacket (For Bare Solid Copper) • Jacket: FRPVC 	305m(1000ft)/ box, pull box
1101-03004	<ul style="list-style-type: none"> • Conductor: 24AWG Bare Solid Copper • Insulation: HDPE, FRPE, 100%FEP • Ripcord: Under jacket (For Bare Solid Copper) • Jacket: FRPVC 	100m(328ft)/ box, pull box

Cat.5e 4 Pair FTP Cable

Application:

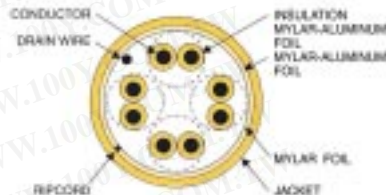
- Voice
- T1
- ISDN
- 10Base T(IEEE 802.3)
- Fast Ethernet(IEEE802.3u)
- 100Vg-AnyLAN(IEEE 802.12)
- Token Ring(IEEE 802.5)
- TP-PMD(ANSI X3T9.5)
- 100Base-T Ethernet (IEEE 802.5)
- 155/622Mbps ATM
- 1000Base-T
- 550MHz Broadband Video

Industry Standard:

- UL, C(UL), ETL Verified
- TIA/EIA 568B
- ISO/IEC 11801
- EN 50173

Cable Data:

- No. of Pairs: 4
- Jacket Color: Gray
- Insulation Thickness: 0.2-0.3mm
- Nom.O.D.: 6.2 ± 0.2 mm
- Flame Rating: CM
- Package: Reel, 305m(1,000ft)/ box



Product Electrical Characteristics:

- Impedance: 100 ± 15 ohms
- DC Resistance, max. ohms/100m: 9.38
- DC Resistance, max. Unbalance of a pair: 5%max
- Capacitance Unbalance(Pair to Ground): 330pf/ 100m max.
- Propagation Delay Skew: 45nS/100m max.

Frequency (MHz)	RL(db) Minimum	Impedance ohm	Attenuation Max.		NEXT Minimum dB/100m
			dB/100M	dB/1000ft	
0.772	--	100 ± 15	--	--	64
1	20.2	100 ± 15	--	--	65.3
4	23.0	100 ± 15	4.1	12.5	56.3
8	24.5	100 ± 15	5.8	17.7	51.8
10	25.0	100 ± 15	6.5	19.8	50.3
16	25.0	100 ± 15	8.2	25.0	47.3
20	25.0	100 ± 15	9.3	28.3	45.8
25	24.3	100 ± 15	10.4	31.7	44.3
31.25	23.6	100 ± 15	11.7	35.7	42.9
62.5	21.5	100 ± 15	17.0	51.8	38.4
100	20.1	100 ± 15	22.0	67.1	35.3

P/N	Description
1103-03001	<ul style="list-style-type: none"> • Conductor: 24AWG Bare Solid Copper • Insulation: HDPE, FRPE • Shield: Mylar-Aluminum/ Mylar tape/ Tinned • Drain Wire: 24AWG stranded copper • Jacket: FRPVC

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Cat.5e 4 Pair UTP and FTP Patch Cord

Application:

- 10 Base-T (IEEE 802.3)
- Fast Ethernet (IEEE 802.3u)
- 100Vg-AnyLAN (IEEE 802-12)
- Token Ring (IEEE 802.5)
- TP-PMD (ANSI X 3T9.5)
- 100 Mbps CDDI
- ATM 155
- Gigabit 1000 Mbps (802.3z)

Industry Standard:

- UL, C(UL), ETL Verified
- TIA/EIA 568B
- ISO/IEC 11801
- EN 50173

Product Description:

- Conductor: 24AWG Stranded Copper
- Insulation:HDPE, FRPE, 100% FEP
- Jacket: FRPVC
- 50 u" Gold Plated on the Plug Contacts
- Wiring:T568B
- Colored Patch Cables with Molded Boots
- Color: Red, Orange, Yellow, Green, Blue, Gray



UTP Patch Cord



FTP Patch Cord

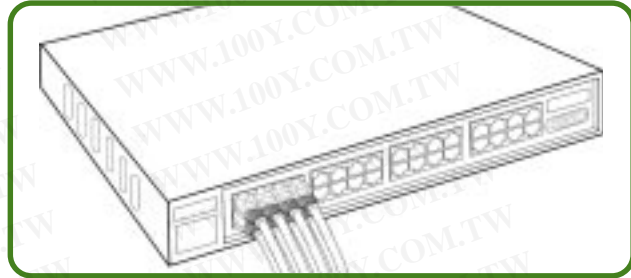
P/N	Description
1201-03009(Red) / 1201-03010(Orange) 1201-03011(Yellow) / 1201-03012(Green) 1201-03013(Blue) / 1201-03014(Gray)	Cat.5e 4 Pair UTP Patch Cord, 2 meter
1201-03016(Red) / 1201-03017(Orange) 1201-03018(Yellow) / 1201-03019(Green) 1201-03020(Blue) / 1201-03021(Gray)	Cat.5e 4 Pair UTP Patch Cord, 3 meter
1201-03027(Red) / 1201-03028(Orange) 1201-03029(Yellow) / 1201-03030(Green) 1201-03031(Blue) / 1201-03032(Gray)	Cat.5e 4 Pair UTP Patch Cord, 5 meter
1201-03035(Gray)	Cat.5e 4 Pair FTP Patch Cord, 2 meter
1201-03074(Gray)	Cat.5e 4 Pair FTP Patch Cord, 3 meter
1201-03036(Gray)	Cat.5e 4 Pair FTP Patch Cord, 5 meter

- For special requirements please contact with us
- Package: 10 pcs/ bag

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Color-Coded Boots

- Color-Coded user types and applications
- Simplify cable management and trouble shooting
- Stackable design for neat and high density modular jacks in Hub
- Color: Red, Orange, Yellow, Green, Blue, Gray, Black, White



1601-02003



1601-03003



1601-04003



1601-05003



1601-06004



1601-08005

RJ-45 Plugs

Specification:

Material and Finish

- Housing: Polycarbonate
- Contact: Copper alloy 50u" gold plated over nickel

Mechanical

- Cable-to-Plug tensile Round & flat cable available
- Strength: 20 lbs. min.
- Durability: 750 cycles min.

Function Description:

- Exceed TIA/EIA-568B requirements for 4 pair application
- Exceed NEXT requirements for Cat.5e cables
- 50 u" gold plated over nickel on contact



1501-88020



1501-88019



1501-88007



1501-88002

P/N	Description
1601-02003	Red color-coded boots
1601-03003	Orange color-coded boots
1601-04003	Yellow color-coded boots
1601-05003	Green color-coded boots
1601-06004	Blue color-coded boots
1601-08005	Gray color-coded boots
1601-09003	Black color-coded boots
1601-00002	White color-coded boots
1501-88019	RJ45 plug for unshielded solid wire 26-24AWG (3 prong)
1501-88020	RJ45 plug for unshielded stranded wire 26-24AWG (2 prong)
1501-88007	RJ45 plug for shielded solid wire 26-24AWG (3 prong)
1501-88002	RJ45 plug for shielded solid wire 26-24AWG (2 prong)

- Package: 100 pcs/ bag

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Cat.5e RJ-45 Keystone Jack **NEW**

Industry Standard:

- UL, C(UL) listed
- Meet FCC parts 68
- EN50173
- ISO/IEC 11801
- Meets EIA/TIA T568B: Cat.5e Hardware transmission performance

Physicals:

- IDC connector accept 22-26 AWG solid wire
- Jack wiring: 50 u" gold plated over 100 u" nickel
- Housing: High impact flame retardant plastic UL 94V-0 rated
- IDC connector suitable for 110 punch down and Krone tool

Mechanical:

- Plug insertion life: 750 cycle min.
- Plug retention force: 30 lbs min.

Electrical:

- Current rating: 1.5 Amps
- Insulation resistance: 500 Mega-ohms min.
- Contact resistance: 20 milli-ohms max.
- DC resistance: 0.1 ohms max.
- Data transmission rates up to 100Mbps



Compliant Press fit IDC connector terminal for high frequency application



1305-03015



IDC connector with large space of each pair to improve crosstalk



1305-03008



1305-03014

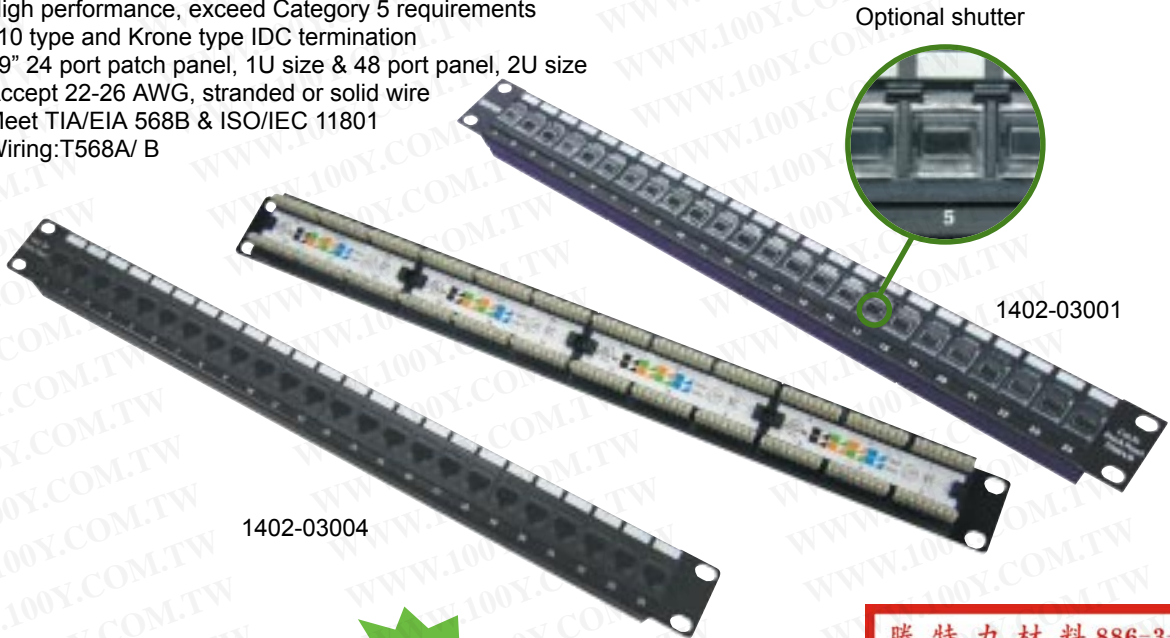
P/N	Description
1305-03014	Cat.5e 110/ Krone right-angle (90°) Keystone Jack, T568A/B (100 pcs/ box)
1305-03015	Cat.5e 110/ Krone vertical (180°) Keystone Jack, T568A/B (100 pcs/ box)
1305-03008	Cat.5e 110/ Krone right-angle (90°) Keystone Jack, Fully Shielded, T568A/B (50 pcs/ box)

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Cat.5e Unshielded Patch Panel

110 and Krone Cat.5e Patch Panel:

- High performance, exceed Category 5 requirements
- 110 type and Krone type IDC termination
- 19" 24 port patch panel, 1U size & 48 port panel, 2U size
- Accept 22-26 AWG, stranded or solid wire
- Meet TIA/EIA 568B & ISO/IEC 11801
- Wiring: T568A/ B



Optional shutter

1402-03001

1402-03004

High Quality Cat.5e Patch Panel:

NEW

- UL, C(UL) Listed.
- Modular jack meet EIA/ TIA T568B Cat.5e Hardware transmission performance
- 110 type IDC termination
- 19" 24 port patch panel, 1U size & 48 port panel, 2U size
- Accept 22-26 AWG, stranded or solid wire
- Modular jack meet FCC Part 68
- Wiring: T568A/ B
- Optional rear cable management



High- low contact design to improve transmission performance

1401-03009

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P/N	Description
1402-03001	Cat.5e 19" 110/ Krone Patch Panel 24 ports with Shutter, 1U size
1402-03004	Cat.5e 19" 110/ Krone Patch Panel 24 ports, 1U size
1402-03002	Cat.5e 19" 110/ Krone Patch Panel 48 ports with Shutter, 2U size
1402-03010	Cat.5e 19" 110/ Krone Patch Panel 48 ports, 2U size
1401-03009	Cat.5e 19" High Quality 110 Patch Panel 24 ports, 1U size
1401-03010	Cat.5e 19" High Quality 110 Patch Panel 48 ports, 2U size

Cat.5e Fully Shielded Patch Panel

- 19" 24 port patch panel, 1U size
- 100% shielded for complete EMI/RFI protection
- High durability and reliability
- Meet TIA/EIA 568B & ISO IEC 11801
- Accept both Krone and 110 punch down tool, for 22-26 AWG stranded or solid wire
- Wiring:T568A/B



1402-03011

Cat.5e Wall Mount Patch Panel

- Pack size for small application
- Meet TIA/EIA 568B & ISO/IEC 11801
- Wiring:T568A/ B

勝特力材料 886-3-5753170
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 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



1403-03001

1403-03002

P/N	Description
1402-03011	Cat.5e 19" Fully Shielded Patch Panel 24 ports, 1U size
1403-03001	Cat.5e Wall Mount 110 Patch Panel 12 ports(2.26"X10")
1403-03002	Cat.5e wall mount 110/ krone Patch Panel with Shutter 12 ports(2.26"X10")