

Introduction

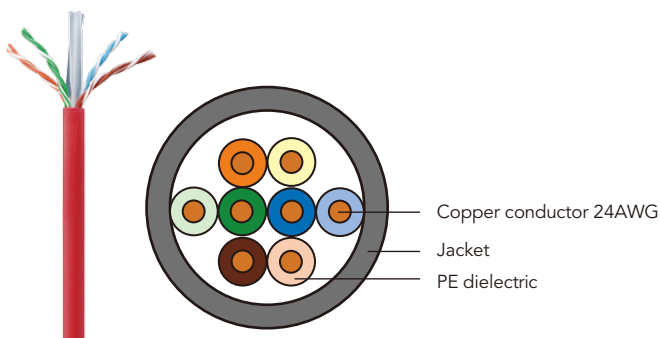
- Over 25 years of experience in the networking industry
- For 1G/10G/40G Network
- Available in different constructions (U/UTP, F/UTP, U/FTP, S/FTP, etc.)
- ETL/DETLA Certified Standards
- IEC 60332-1 & 3; UL CM/CMR, CPR certified
- RoHS and REACH compliant
- Low Smoke Zero Halogen Free and Industrial grade PUR jackets available
- Packaging options: Reel-in-box, UN, and wooden drum
- Made in Taiwan

Applications

- Structured cabling
- Data Networking
- POE & Security Surveillance
- HD Video over twisted pairs
- IOT

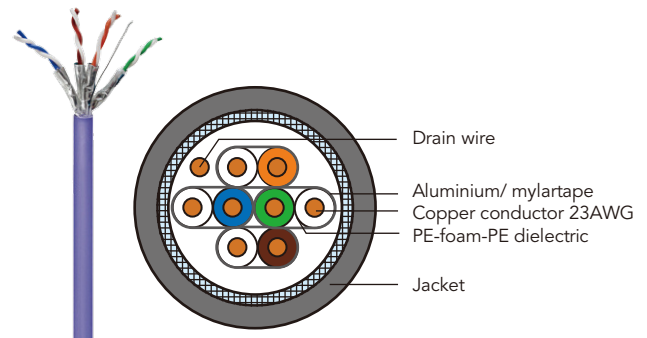
Cat.5e U/UTP Unshielded LAN Cable

ETL Certified to 100MHz



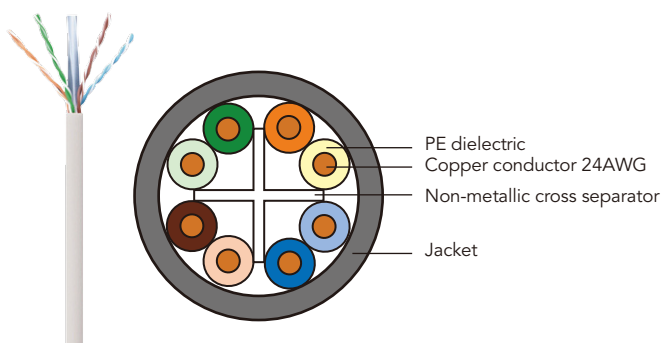
Cat 6A U/FTP LAN Cable

ETL/DELTA Certified to 500MHz for 10 Gigabit Ethernet



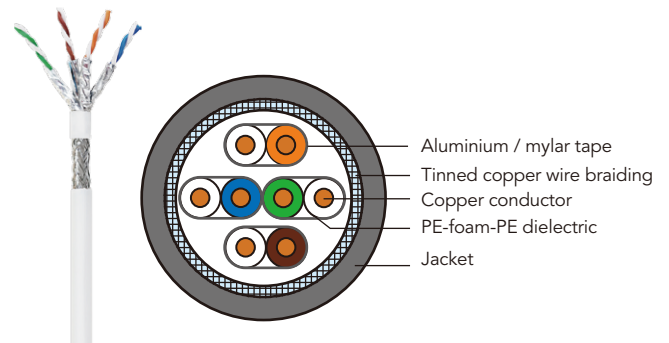
Cat. 6 U/UTP Unshielded LAN Cable

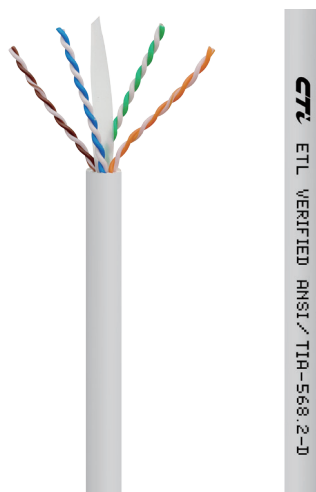
ETL/DELTA Certified to 250MHz for 10 Gigabit Ethernet



Cat. 7 S/FTP Shielded LAN Cable

ETL/DELTA Certified to 600MHz for 10 Gigabit Ethernet



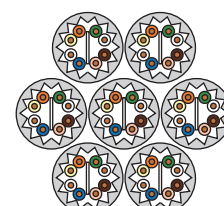


Features

- Flame tested to EN50399 CPR Cca s1,d1,a1 in CTi CPR Lab by FTT
- Transmission tested to 500MHz ,according to ANSI/TIA-568.2-D, ISO 11801 class EA, Cat.6A standard
- OD : 7.9mm and passed alien crosstalk test
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 91 pcs

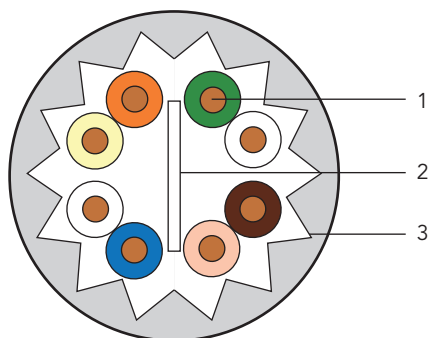
Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- 10GBASE-T (10 Gigabit Ethernet)



Alien Crosstalk Test

Construction



1. Copper conductor 23 AWG
2. Non-metallic cross separator
3. Outer Jacket

Construction features

Conductor Solid Annealed Bare Copper

Insulation Polyethylene

Separator Polyolefin

Outer Jacket FRLSZH

Colour



CTI Cable Code	Insulation Diameter	Resistance Unbalance
GBQ2011	1.20 +/-0.05 mm 1.05 +/-0.05 mm	max. 2% at 20°C

Capacitance Unbalance	Cable Diameter	Bending Radius
max. 160pf / 100m at 1 kHz	7.9+/-0.3mm	≥ 4xOD without load ≥ 8xOD with load

Packaging



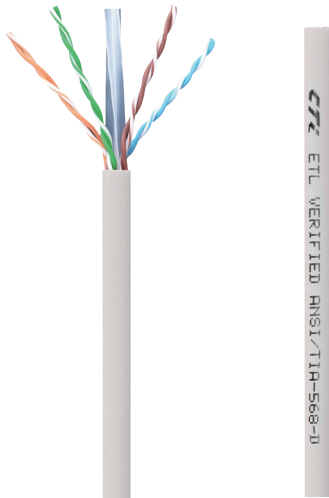
Wooden drum

Packaging

Wooden drum

305m/500m





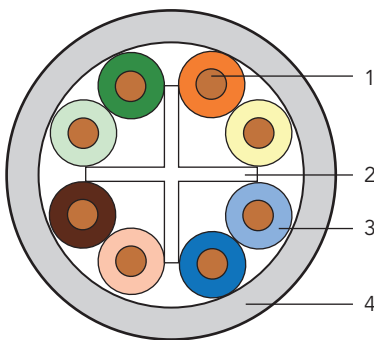
Features

- Flame tested to EN50399 CPR Cca s1,d1,a1 in CTi CPR Lab by FTT
- Transmission tested to 350MHz , beyond ANSI/TIA 568.2-D , ISO 11801 class E , Cat.6 standard of 250 MHz
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 91 pcs

Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)

Construction



1. Copper conductor 24 AWG
2. Non-metallic cross separator
3. PE Insulation
4. Outer Jacket

Construction features

Conductor	Solid Annealed Bare Copper
Insulation	Polyethylene
Separator	FR Polyolefin
Outer Jacket	FRLSZH
Colour	

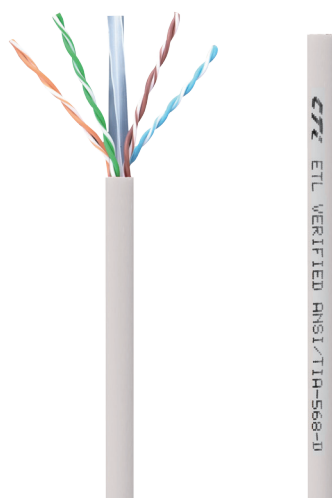
CTI Cable Code	Insulation Diameter	Resistance Unbalance
GAR2011	0.96+/-0.05mm	max. 2% at 20°C

Capacitance Unbalance	Cable Diameter	Bending Radius
max. 160pf / 100m at 1 kHz	5.8+/-0.3mm	$\geq 4 \times OD$ without load $\geq 8 \times OD$ with load

Packaging

Reel in box	Un-reel box	Wooden drum
305m	305m / 100m	500m





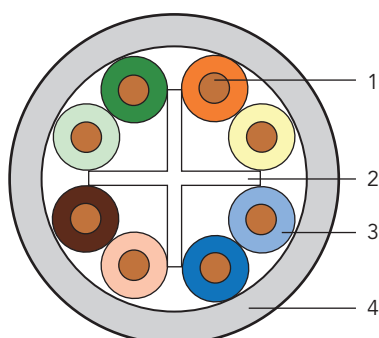
Features

- Flame tested to EN50399 CPR B2ca s1,d1,a1 in CTi CPR Lab by FTT
- Transmission tested to 350MHz , beyond ANSI/TIA 568.2-D , ISO 11801 class E , Cat.6 standard of 250 MHz
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 91 pcs

Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)

Construction



1. Copper conductor 24 AWG
2. Non-metallic cross separator
3. PE Insulation
4. Outer Jacket

Construction features

Conductor Solid Annealed Bare Copper

Insulation Polyethylene

Separator FR Polyolefin

Outer Jacket FRLSZH

Colour

CTi Cable Code	Insulation Diameter	Resistance Unbalance
GAR2012	0.96+/-0.05mm	max. 2% at 20°C

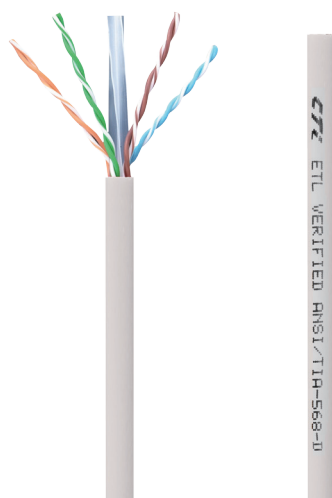
Capacitance Unbalance	Cable Diameter	Bending Radius
max. 160pf / 100m at 1 kHz	5.8+/-0.3mm	≥ 4xOD without load ≥ 8xOD with load

Packaging

Reel in box	Un-reel box	Wooden drum
305m	305m / 100m	500m



Cat.6 U/UTP AWG23 LSZH CPR Cable



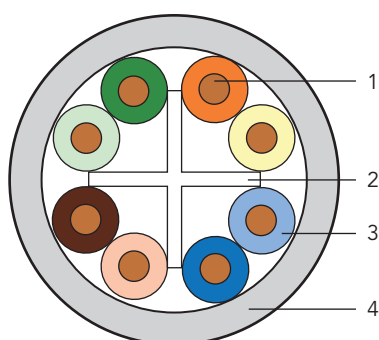
Features

- Flame tested to EN50399 CPR Cca s1,d1,a1 in CTi CPR Lab by FTT
- Transmission tested to 350MHz , beyond ANSI/TIA 568.2-D , ISO 11801 class E , Cat.6 standard of 250 MHz
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 91 pcs

Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)

Construction



1. Copper conductor 23 AWG
2. Non-metallic cross separator
3. PE Insulation
4. Outer Jacket

Construction features

Conductor	Solid Annealed Bare Copper
Insulation	Polyethylene
Separator	FR Polyolefin
Outer Jacket	FRLSZH
Colour	

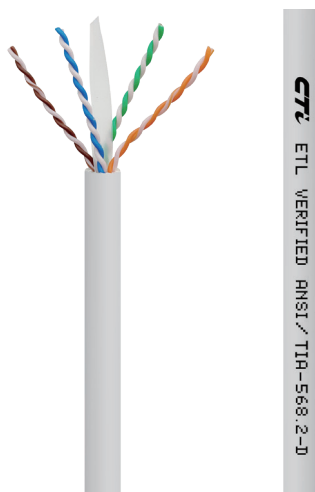
CTI Cable Code	Insulation Diameter	Resistance Unbalance
GBL2011	0.98+/-0.05 mm	max. 2% at 20°C

Capacitance Unbalance	Cable Diameter	Bending Radius
max. 330pf / 100m at 1 kHz	5.8+/- 0.5mm	$\geq 4 \times OD$ without load $\geq 8 \times OD$ with load

Packaging

Reel in box	Un-reel box	Wooden drum
305m	305m / 100m	500m



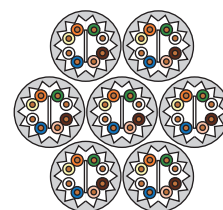


Features

- Flame tested to EN50399 CPR B2ca/Cca in CTi CPR Lab by FTT
- Transmission tested to 500MHz ,according to ANSI/TIA-568.2-D, ISO 11801 class EA, Cat.6A standard
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 91 pcs
- Passed alien crosstalk test

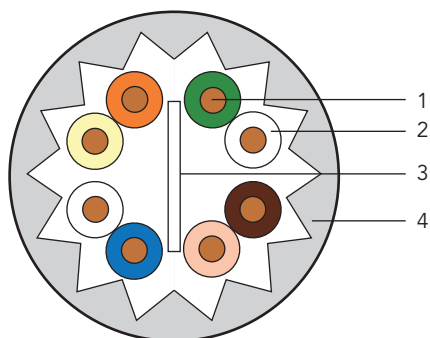
Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- 10GBASE-T (10 Gigabit Ethernet)



Alien Crosstalk Test

Construction



Construction features

- | | |
|-----------------|--------------------------|
| 1. Conductor | Annealed Bare Copper |
| 2. Insulation | Polyethylene / Foamed PE |
| 3. Separator | Polyolefin |
| 4. Outer Jacket | FRPVC / LSZH / FRLSZH |

Colour



CTi Cable Code	Conductor	AWG	OD (mm)	OD (in)	Outer Jacket	Flame Retardant	Packaging
GBQ2003	Solid	23	7.9+/-0.5mm	0.31+/-0.02"	FRPVC	UL 444 CMR	Drum(500m)
GBQ2009	Solid	23	7.9+/-0.5mm	0.31+/-0.02"	LSZH	EN50399 Eca / IEC 60332-1	Drum(500m)
GBQ2011	Solid	23	7.9+/-0.5mm	0.31+/-0.02"	FRLSZH	EN50399 Cca,s1, d1, a1	Drum(500m)
GBQ2012	Solid	23	7.9+/-0.5mm	0.31+/-0.02"	FRLSZH	EN50399 B2ca,s1, d1, a1	Drum(500m)





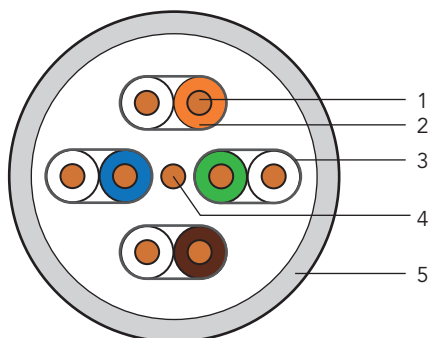
Features

- Flame tested to EN50399 CPR B2ca/Cca in CTi CPR Lab by FTT
- Transmission tested to 500MHz ,according to ISO 11801 class EA, IEC 61156-5 Cat.6A standard
- Improved shielding efficiency and increased heat dissipation
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 37 pcs

Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- 10GBASE-T (10 Gigabit Ethernet)

Construction



Construction features

1. Conductor	Annealed Bare Copper
2. Insulation	Foamed PE
3. Shielding	Aluminum Mylar Tape
4. Drain Wire	Tinned Copper
5. Outer Jacket	PVC / FRPVC / LSZH / FRLSZH

Colour



CTi Cable Code	Conductor	AWG	OD (mm)	OD (in)	Outer Jacket	Flame Retardant	Packaging
GBK2001	Solid	23	6.6+/-0.5mm	0.26+/-0.02"	FRPVC	UL 444 CM	Drum(500m)
GBK2005	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	PVC	IEC 60332-1	Drum(500m)
GBK2009	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	LSZH	EN50399 Eca / IEC 60332-1	Drum(500m)
GBK2010	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	LSZH	EN50399 Dca, s2, d2, a2	Drum(500m)
GBK2011	Solid	23	6.7+/-0.5mm	0.26+/-0.02"	FRLSZH	EN50399 Cca, s1, d1, a1	Drum(500m)
GBK2012	Solid	23	6.7+/-0.5mm	0.26+/-0.02"	FRLSZH	EN50399 B2ca, s1, d1, a1	Drum(500m)





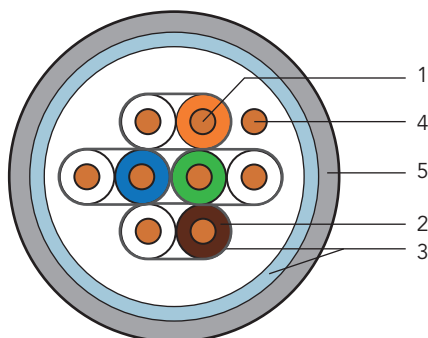
Features

- Flame tested to EN50399 CPR B2ca/Cca in CTi CPR Lab by FTT
- Transmission tested to 500MHz ,according to ISO 11801 class EA, IEC 61156-5 Cat.6A standard
- Double shielding provides greater protection from each pairs and other cables, RFI and EMI
- POE++ tested to IEEE 802.3bt 100W ,Bundle size 37 pcs

Applications

- 10BASE-T Ethernet
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- 10GBASE-T (10 Gigabit Ethernet)

Construction



Construction features

1. Conductor	Annealed Bare Copper
2. Insulation	Foamed PE
3. Shielding	Aluminum Mylar Tape
4. Drain Wire	Tinned Copper
5. Outer Jacket	LSZH / FRLSZH

Colour



CTi Cable Code	Conductor	AWG	OD (mm)	OD (in)	Outer Jacket	Flame Retardant	Packaging
GBK2022	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	LSZH	EN50399 Eca / IEC 60332-1	Drum(500m)
GBK2023	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	LSZH	EN50399 Dca,s2, d2, a1	Drum(500m)
GBK2024	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	FRLSZH	EN50399 Cca,s1, d1, a1	Drum(500m)
GBK2025	Solid	23	6.4+/-0.5mm	0.25+/-0.02"	FRLSZH	EN50399 B2ca,s1, d1, a1	Drum(500m)

