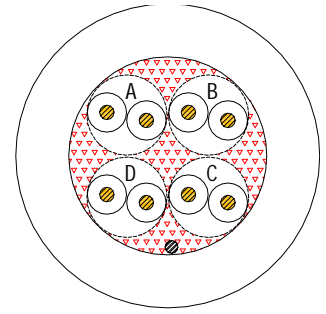
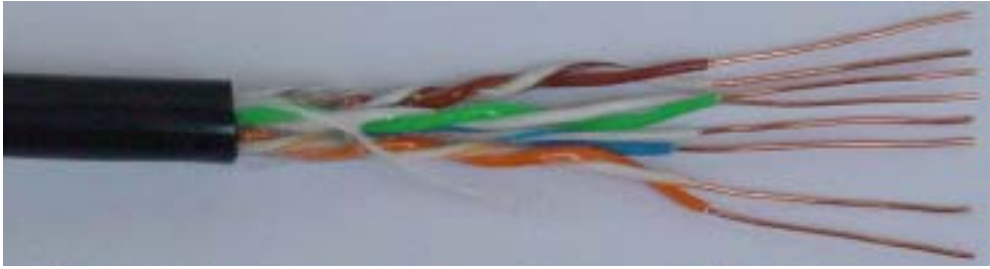




<http://www.changbao.com.cn>

CHANGBAO

CAT5e UTP (OUTDOOE) - Gel filled



DESCRIPTION:

| | |
|--------------------|------------------------------------|
| Rated temperature: | 75 |
| Standard | UL444,TIA/EIA 568B.2,YD/T1019-2001 |
| Conductor | Solid Bare copper |
| AWG: | 24 |
| Insulation: | HDPE |
| Twisted pair | Four |
| Filler: | Gel |
| Shield: | Pe-Tape |
| Jacket: | LLDPE |
| Rip Cord: | Per request |

Electrical Characteristics:

| | | |
|--------------|--|----------|
| 1.0-100.0MHz | Impedance (ohms) | 100 ± 15 |
| 1.0-100.0MHz | Delay Skew (ns/100m) | <=45 |
| | Pair-to-Ground Capacitance Unbalance (pF/100m) | <=330 |
| | Max. Conductor DC Resistance 20oC (ohms/km) | 6.58 |
| | Resistance Unbalance (%) | |

Application:

- 100 Base-T4
- 100 Bsdr-TX
- 100 VG-AnyLAN
- 155 Mbps ATM
- 622 Mbps ATM

ELECTRICAL CHARACTERISTICS

| Frequency MHz | Impedance ohm | RL dB | Attenuation dB/100m | Next dB | ELFEXT dB | PSNEXT dB | Delay ns/100m |
|------------------|------------------|----------|------------------------|------------|--------------|--------------|------------------|
| 0.772 | 100+/-15 | 19.4 | 1.8 | 67.0 | 64.0 | 66.0 | 574 |
| 1.0 | | 20.0 | 2.0 | 65.3 | 62.3 | 63.8 | 570 |
| 4.0 | | 23.0 | 4.1 | 56.3 | 53.3 | 51.7 | 552 |
| 8.0 | | 24.5 | 5.8 | 51.8 | 48.8 | 45.7 | 546 |
| 10.0 | | 25.0 | 6.5 | 50.3 | 47.3 | 43.8 | 545 |
| 16.0 | | 25.0 | 8.2 | 47.3 | 44.3 | 39.7 | 543 |
| 20.0 | | 25.0 | 9.3 | 45.8 | 42.8 | 37.7 | 542 |
| 25.0 | | 24.3 | 10.4 | 44.3 | 41.3 | 35.8 | 541 |
| 31.3 | | 23.6 | 11.7 | 42.9 | 39.9 | 33.9 | 540 |
| 62.5 | | 21.5 | 17.0 | 38.4 | 35.4 | 27.8 | 538 |
| 100.0 | | 20.1 | 22.0 | 35.3 | 32.3 | 23.8 | 537 |