



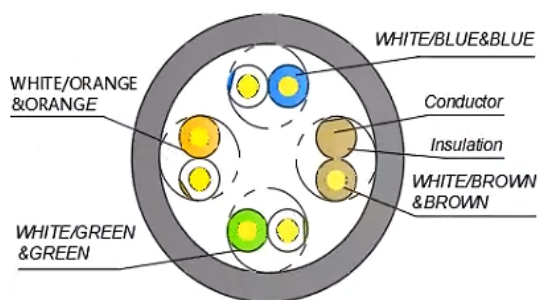
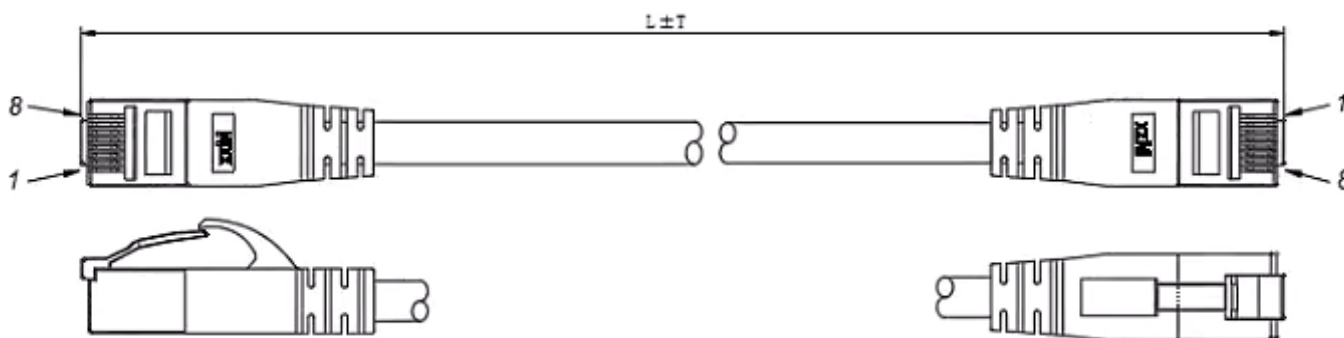
### STANDARDS

ISO/IEC 11801 IEC 61156  
ANSI/TIA-568.2-D EN 50173  
IEC 61034 IEC 60574

### APPLICATIONS

10BASE-T 100BASE-TX 100BASE-T4  
1000BASE-T 2.5GBASE-T 5GBASE-T  
10GBASE-T ATM-25 ATM-51  
ATM-155 100VG-AnyLan TR-4

### CONSTRUCTION



Conductor Material : Standed Bare Copper  
Cable AWG: 28AWG (7/0.12±0.01mm)  
Insulation: HDPE  
Jacket: LSZH  
Outer Diameter:3.6±0.3mm  
Plug : RJ45(8P8C)  
Molding: PVC  
Wiring diagram:586B

### CABLE PRINTING

BEEK CAT6A U-UTP AWG28 PATCH CORD 4 PAIR LSOH ANSI/TIA/EIA 568B

ISO11801 Channel Class Ea

| Wire Map  | Res.     | Length | Prop. Delay | Delay Skew | Freq. | Insertion Loss | NEXT | RL   | ACR-N | ACR-F | PS NEXT | PS ACR-N | PS ACR-F |
|-----------|----------|--------|-------------|------------|-------|----------------|------|------|-------|-------|---------|----------|----------|
|           | $\Omega$ | Max.   | nS          | nS         | MHz   | dB             | dB   | dB   | dB    | dB    | dB      | dB       | dB       |
| 12345678  | 25       | i      | 555         | 50         | 1     | 4              | 65.0 | 19.0 | 61.0  | 63.3  | 62.0    | 58.0     | 60.3     |
| 12345678  |          |        |             |            | 4     | 4.2            | 63.0 | 19.0 | 58.9  | 51.2  | 60.5    | 56.4     | 48.2     |
|           |          |        |             |            | 8     | 5.8            | 58.2 | 19.0 | 52.4  | 45.2  | 55.6    | 49.8     | 42.2     |
| 12345678S |          |        |             |            | 10    | 6.5            | 56.6 | 19.0 | 50.1  | 43.3  | 54.0    | 47.5     | 40.3     |
| 12345678S |          |        |             |            | 16    | 8.2            | 53.2 | 18.0 | 45.0  | 39.2  | 50.6    | 42.4     | 36.2     |
|           |          |        |             |            | 20    | 9.2            | 51.6 | 17.5 | 42.5  | 37.2  | 49.0    | 39.8     | 34.2     |
|           |          |        |             |            | 25    | 10.2           | 50.0 | 17.0 | 39.8  | 35.3  | 47.3    | 37.1     | 32.3     |
|           |          |        |             |            | 31.25 | 11.5           | 48.4 | 16.5 | 36.9  | 33.4  | 45.7    | 34.2     | 30.4     |
|           |          |        |             |            | 62.5  | 16.4           | 43.4 | 14.0 | 27.0  | 27.3  | 40.6    | 24.2     | 24.3     |
|           |          |        |             |            | 100   | 20.9           | 39.9 | 12.0 | 19.0  | 23.3  | 37.1    | 16.2     | 20.3     |
|           |          |        |             |            | 200   | 30.1           | 34.8 | 9.0  | 4.7   | 17.2  | 31.9    | 1.8      | 14.2     |
|           |          |        |             |            | 250   | 33.9           | 33.1 | 8.0  | -0.8  | 15.3  | 30.2    | -3.7     | 12.3     |
|           |          |        |             |            | 350   | 40.6           | 30.6 | 6.6  | -10.0 | 12.4  | 27.6    | -13.0    | 9.4      |
|           |          |        |             |            | 500   | 49.3           | 27.9 | 6.0  | -21.4 | 9.3   | 24.8    | -24.5    | 6.3      |