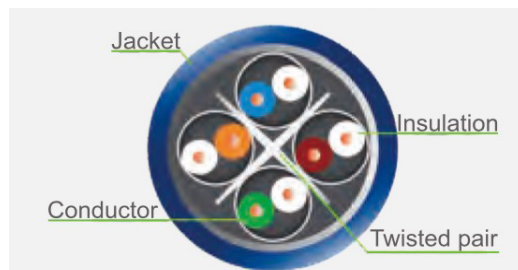
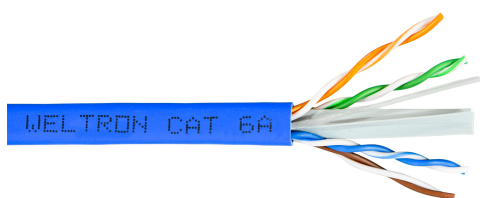




CAT.6A UTP Stranded Bulk Cable

Part Number: T2404L6A-PA-XX



FEATURES

TIA/EIA-568.2-D;ISO/IEO 11801;NEC/CEC

Fire protection – IEC60332-1 (CM)

Application: Horizontal communication cable; for indoor installation

CONSTRUCTION

Conductor: Stranded Copper

Conductor Dia.:7x 0.18mm±0.008mm (24AWG)

Pair Insulation: HD-PE

Outer Cable Diameter: 5.8 ± 0.2 mm

Pair Identification: Pair1= Blue/White Pair2= Orange/White

Pair 3= Green/White Pair4= Brown/White

Outer Jacket: CM PVC

Jacket Color: Grey or optional

TECHNICAL CHARACTERISTICS

Installation Temperature: 0°C to +60°C

Operating temperature: -20°C to +75°C

DC Resistance Unbalance :≤5%

Velocity of Propagation:78 % nom.

Impedance:100 Ω

Pulling strength: 90 N

Minimum bend radius: 50mm

Dielectric Breakdown:1000 Volts DC Conductor to Conductor

Frequency Range:1-500HMZ

Maximum Skew:45ns@100 meters

PACKAGING

305m/1000ft wooden reel; 500m/wooden reel;

ELECTRICAL CHARACTERISTICS

| Frequency, MHz | Attenuation, dB/100m 20°C | | PS NEXT Loss, dB | | NEXT Loss, dB | | RL, dB | | PS ANEXT, dB | | PS ELFEXT, dB | |
|----------------|---------------------------|---------|------------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|
| | Typical Value | Cat. 6A | Typical Value | Cat. 6A | Typical Value | Cat. 6A | Typical Value | Cat. 6A | Typical Value | Cat. 6A | Typical Value | Cat. 6A |
| 1 | 2 | 2 | 95 | 72.3 | 98 | 75.3 | 22 | 20 | 70 | 67 | 85 | 65 |
| 4 | 3.7 | 3.8 | 95 | 63.3 | 98 | 66.3 | 25 | 23 | 70 | 67 | 73 | 53 |
| 10 | 5.6 | 5.9 | 95 | 57.3 | 98 | 60.3 | 28 | 25 | 70 | 67 | 65 | 45 |
| 20 | 7.9 | 8.4 | 90 | 52.8 | 93 | 55.8 | 28 | 25 | 70 | 67 | 59 | 39 |
| 30 | 9.7 | 10.3 | 85 | 50.1 | 88 | 53.1 | 27 | 23.8 | 70 | 67 | 55.4 | 35.4 |
| 100 | 18 | 19.1 | 80 | 42.3 | 83 | 45.3 | 24 | 21.1 | 67 | 62.5 | 45 | 25 |
| 150 | 22.4 | 23.6 | 78 | 39.7 | 81 | 42.7 | 22 | 18.8 | 66 | 59.8 | 41.5 | 21.5 |
| 200 | 26 | 27.6 | 78 | 37.8 | 81 | 40.8 | 21 | 18 | 65 | 58 | 49 | 19 |
| 250 | 29.4 | 31 | 75 | 36.3 | 78 | 39.3 | 20 | 17.3 | 63 | 56.5 | 37 | 17 |
| 300 | 32.5 | 34.3 | 75 | 35.1 | 78 | 38.1 | 19 | 17.3 | 62 | 55.3 | 35.5 | 15.5 |
| 400 | 38 | 40 | 70 | 33.3 | 73 | 36.3 | 19 | 17.3 | 61 | 53.4 | 33 | 13 |
| 500 | 43 | 45.2 | 70 | 31.8 | 73 | 34.8 | 19 | 17.3 | 59 | 52 | 31 | 11 |