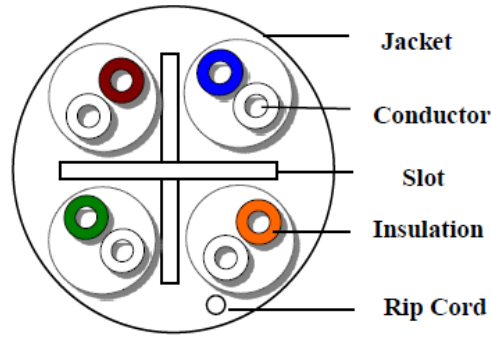


Newlink Cat 6 UTP 4-pair 24AWG CM 1,000ft



| | | |
|---------------|--------------------------------|------------------------|
| Conductor | Material | Annealed Bare Copper |
| | Size | 24 AWG x 4P |
| | Construction | 1 / 0.54 ± 0.01 mm |
| Insulation | Material | HDPE |
| | Minimum Average Thickness | 0.22mm |
| | Minimum Thickness at any point | 0.21mm |
| | Diameter | 0.94 ± 0.03 mm |
| Core Color | 1 White- Blue /Blue | 2 White-Orange /Orange |
| | 3 White-Green /Green | 4 White- Brown /Brown |
| Core Assembly | Core Twist | 2 core twist |
| | Filler | NA |
| | Assembly Pair | 4-pair assembly |
| Taping | Mylar Foil | NA |
| Shielded | Al-Mylar Foil | NA |
| Braid | Tinned copper | NA |

| | | |
|------------|---|--------------|
| Slot | Material | PE |
| Jacket | Material: | PVC |
| | Minimum Average Thickness | 0.45mm |
| | Minimum Thickness at any point | 0.43mm |
| | Diameter | 6.0 ± 0.2 mm |
| Standards: | ISO/IEC 11801 AND ANSI/TIA 568.2-D, UL444 | |

Electrical Characteristics (20°C):

| | |
|--------------------------------------|-----------------------|
| DC. Resistance Unbalance | 5% |
| Pair-to-Ground Capacitance Unbalance | 330 pF/100m Max |
| Conductor Resistance | 9.38 Ω/100m 20°C Max. |
| Mutual Capacitance | 5.6 nF/100m Max. |
| Spark Test | 2.5 KV |

| Freq. | RL | ATT | NEXT | PS NEXT | ACRF | PSACRF |
|-------|------|------|------|---------|------|--------|
| 1 | 20.0 | 2.0 | 74.3 | 72.3 | 67.8 | 64.8 |
| 4 | 23.0 | 3.8 | 65.3 | 63.3 | 55.8 | 52.8 |
| 8 | 24.5 | 5.3 | 60.8 | 58.8 | 49.7 | 46.7 |
| 10 | 25.0 | 6.0 | 59.3 | 57.3 | 47.8 | 44.8 |
| 16 | 25.0 | 7.6 | 56.2 | 54.2 | 43.7 | 40.7 |
| 20 | 25.0 | 8.5 | 54.8 | 52.8 | 41.8 | 38.8 |
| 25 | 24.3 | 9.5 | 53.3 | 51.3 | 39.8 | 36.8 |
| 31.25 | 23.6 | 10.7 | 51.9 | 49.9 | 37.9 | 34.9 |
| 62.5 | 21.5 | 15.4 | 47.7 | 45.4 | 31.9 | 28.9 |
| 100 | 20.1 | 19.8 | 44.3 | 42.3 | 27.8 | 24.8 |
| 200 | 18.0 | 29.0 | 39.8 | 37.8 | 21.8 | 18.8 |
| 250 | 17.3 | 32.8 | 38.3 | 36.3 | 19.8 | 16.8 |

Ordering Information:

| Part Number | Description |
|--------------------|---|
| NEW-9806661 | Newlink Cat 6 UTP 4-pair 24AWG CM 1,000ft, Gray |
| NEW-9806662 | Newlink Cat 6 UTP 4-pair 24AWG CM 1,000ft, Blue |