Category 6A UTP Cable
- International

Siemon’s Category 6A UTP cable exceeds ANSI/TIA and ISO/IEC transmission performance requirements including alien crosstalk. When combined with Z-MAX 6A UTP connectivity, the result is a channel capable of supporting 10GBASE-T operation over 100-meter, 4-connector topologies. The 6A UTP cabling system supports emerging and converging IP applications like Voice Over IP (VoIP), IP video and other 10GBase-T applications.

CABLE FEATURES
- UTP
- Nominal jacket OD: 7.95 (0.31 in.)
- 23 AWG 0.58mm (0.023 in.) solid bare copper
- Center Isolation Member
- 75° C temperature rating

STANDARD COMPLIANCE
- ISO/IEC 11801-1 Ed 1.0
- ANSI/TIA-568.2-D
- IEC 61156-5 Ed 2.1
- CM: UL, IEC, 60332-1
- LSOH: ISO/IEC 60332-1, IEC 60754 and IEC 61034
- EN 50575 Class Eca

APPLICATIONS SUPPORT
- 10GBASE-T
- 10GBASE-T
- 100BASE-T
- 10BASE-T
- IEEE 802.3af (Type 1 PoE)
- IEEE 802.3at (Type 2 PoE)
- IEEE 802.3bt (Type 3 PoE)
- IEEE 802.3bt (Type 4 PoE)
- Power over HDBaseT (PoH)
### Transmission Performance

<table>
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<tr>
<th>Frequency (MHz)</th>
<th>Insertion Loss (dB/100)</th>
<th>NEXT (dB)</th>
<th>PS NEXT (dB)</th>
<th>ACR-F (dB)</th>
<th>PS ACR-F (dB)</th>
<th>Return Loss (dB)</th>
<th>ACR-N (dB)</th>
<th>PS ACR-N (dB)</th>
<th>Propagation Delay (ns)</th>
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*Values above 500 MHz are for information only. All performance based on 100 meters (328 ft.).

### Ordering Information

**Part Number** | **Description**
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9C6L4-A5 | LSOH (IEC 60332-1), class Eca violet jacket 305m (1000 ft.) reel
9C6M4-A5-04-R1A | CM (IEC 60332-1), class Eca gray jacket, 305m (1000 ft.) reel

*For additional reel put-ups and cable colors, please contact Siemon Customer Service.*

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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