Siemon offers multiple levels of system performance based on our high-performance category 6 UTP connectivity, including System 6 UTP cable with exceptional margin on all parameters that exceeds ISO/IEC and TIA connecting hardware and channel performance specifications. The result is a system with superior electrical performance for optimum applications support. Available in Plenum and Riser with reverse sequential numbering and a minimal center isolation member for reduced overall diameter.

**CABLE FEATURES:**
- Nominal jacket OD:
  - CMR = .236 in.
  - CMP = .225 in.
- 23 AWG 0.57mm (0.024 in.) solid bare copper
- Reverse sequential numbering
- Round jacket
- Jacket material is lead free

**STANDARDS COMPLIANCE:**
- ISO/IEC 11801-1 Ed.1.0
- IEC 61156-5
- TIA-568.2-D
- UL-CMR and CSA FT4
- UL-CMP and CSA FT6
- RoHS

**APPLICATIONS SUPPORT**
- 1000BASE-T
- 100BASE-T
- 10BASE-T
- IEEE 802.3at (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)
System 6® UTP Cable

**TRANSMISSION PERFORMANCE**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Insertion Loss (dB)</th>
<th>NEXT (dB)</th>
<th>PS NEXT (dB)</th>
<th>ACR (dB)</th>
<th>PSACR (dB)</th>
<th>ACR-F (dB)</th>
<th>PS AC-R-F (dB)</th>
<th>Return Loss (dB)</th>
<th>Propagation Delay (ns)</th>
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</table>

*Performance for frequencies above 250 MHz are for information only. All performance based on 100 meters (328 ft.).

**System 6, 4-Pair UTP Cable:**

Part #               Description
9C6R4-E3-(XX)-RXA . . . . . . . Riser, 1000 ft. Reelex
9C6P4-E3-(XX)-RXA . . . . . . . Plenum, 1000 ft. Reelex

Use (XX) to specify jacket color: 02 = white, 03 = red, 04 = gray, 05 = yellow, 06 = blue, 07 = green, 08 = violet, 09 = orange

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

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