MC® 5e UTP Modular Cords - North America

Siemon’s MC series category 5e modular cords are key components to ensure optimum channel performance of our category 5e UTP systems. The cable used to manufacture the category 5e patch cords exceeds the specifications set forth by both ANSI/TIA-568.2-D and ISO/IEC 11801-1 Ed 1.0.

- Excellent Bend Relief
  - Boot and integrated strain relief ensures proper bend relief, critical for category 5e performance

- Jacket meets the flame resistance requirements for CM

- Available with boot or no boot options

- Plug has 50 microinches minimum of gold plating over nickel resulting in superior transmission performance and resistance to corrosion from humidity, extreme temperatures and airborne contaminates

- Boot design incorporates a latch guard that protects plug from snagging when pulling through pathways or cable managers

STANDARDS COMPLIANCE
- ANSI/TIA-568.2-D
- ISO/IEC 11801-1 Ed 1.0
- 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)
- IEC 60603-7
- cUL US Listed
- TIA-968-A (formerly FCC Part 68 Subpart F)

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PRODUCT INFORMATION

Performance Specifications:

<table>
<thead>
<tr>
<th>ELECTRICAL</th>
<th>MECHANICAL — CABLE (STRANDED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Resistance</td>
<td>Wire Size Range (nominal)</td>
</tr>
<tr>
<td></td>
<td>26 AWG 7x24 Stranded tinned copper</td>
</tr>
<tr>
<td>Input to Output DC Resistance</td>
<td>Cable Construction</td>
</tr>
<tr>
<td></td>
<td>UTP</td>
</tr>
<tr>
<td>Min. Dielectric Withstand Voltage (contact to contact)</td>
<td>Cable O.D. (nominal)</td>
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<tr>
<td></td>
<td>1000 V DC or AC peak</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>4.9mm (0.19 in.)</td>
</tr>
<tr>
<td>Current Rating @ 25ºC</td>
<td>Wiring</td>
</tr>
<tr>
<td></td>
<td>T568B**</td>
</tr>
<tr>
<td>Power over Ethernet</td>
<td>Jacket Type</td>
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<tr>
<td></td>
<td>CM</td>
</tr>
<tr>
<td></td>
<td>Bend Radius</td>
</tr>
<tr>
<td></td>
<td>8mm (0.24 in.)</td>
</tr>
</tbody>
</table>

* Double-ended cords wired T568B are suitable for both T568A & T568B applications

MECHANICAL — GENERAL

-10 to 60 °C, (14 to 140 °F)

MECHANICAL — CABLE (STRANDED)

- UL 94 - V0

MECHANICAL — PLUG

Operating Temperature

Flammability Rating

Green Features

Contact Materials

Plastic Materials

Marking

Number of Plug Insertion Cycles

Min. Plug Retention Force

Plug Compatibility

MC 5e UTP Modular Cords

MC category 5e, double-ended, 4-pair UTP stranded modular patch cord, booted and non-booted options available.

Cord Color:

<table>
<thead>
<tr>
<th>Cord Color Code</th>
<th>Description</th>
<th>Boot Color Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 = Black</td>
<td>Black</td>
<td>01 = Black</td>
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<tr>
<td>02 = White</td>
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<td>02 = White</td>
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<td>03 = Red</td>
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<td>04 = Gray</td>
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<td>05 = Yellow</td>
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<td>06 = Blue</td>
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<td>07 = Green</td>
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<td>08 = Violet</td>
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<tr>
<td>09 = Orange</td>
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<td>09 = Orange</td>
<td>Orange</td>
</tr>
</tbody>
</table>

Add “B” for bulk pack of 100 modular cords.

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

For additional resource information:
Visit our web site at www.siemon.com

Worldwide Headquarters
North America
Watertown, CT USA
Phone (1) 860 945 4200 US
Phone (1) 888 425 6165

Regional Headquarters
EMEA
Europe/Middle East/Africa
Surrey, England
Phone (44) 01932 571771

Regional Headquarters
Asia/Pacific
Shanghai, P.R. China
Phone (86) 21 5385 0303

Regional Headquarters
Latin America
Bogota, Colombia
Phone (571) 657 1950/51/52

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