CT® 6 COUPLERS

The unique engineering innovations used in the design of the CT 6 couplers comply fully with category 6 connecting hardware specifications for all pair combinations up to 250 MHz.

Patented “gravity feed” design controls bend radius of mating modular cord and physically protects the connection point from being disturbed.

Angled CT 6 Couplers are available with optional spring doors to protect modular jacks from outside contaminants.

Snaps quickly into CT faceplates or patch panels and can be easily removed using a small screwdriver to access cabling.

Backward compatible — can be used with MC® 5 modular cords for category 5e compatibility.

Angled couplers are recommended for work area applications.
Flat couplers are recommended for patch panel applications.

Use MC 6 modular cords to unlock the performance of Siemon CT 6 modules.

All outlets are compatible with both T568A and T568B wiring options.

Our printed circuit board has advanced pair balancing design with linear crosstalk response. Patented Tri-Balance™ Technology ensures full compliance with category 6 specifications.

Pyramid™ Wire entry system on S310® blocks separates paired conductors when lacing cables to simplify and reduce installation time.

Technical Tip!

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**PRODUCT INFORMATION**

Because we are continuously improving our products, The Siemon Company reserves the right to change specifications and availability without prior notice.

CT®, MC®, Pyramid™, Tri-Balance™ and S110® are trademarks of The Siemon Company.

**PRODUCT INFORMATION**

**The Americas**
Watertown, CT USA
Phone (1) 860 945 4200

**Europe/ Middle East/ Africa**
Surry, England
Phone (44) 0 1483 480040

**Asia/ Pacific**
Shanghai, P.R. China
Phone (86) 21 6390 6778

**Flat CT 6 Couplers:**
CT-F-C6-(XX)............ Flat, single coupler, T568A/B wiring
CT-F-C6-C6-(XX)..... Flat, double coupler, T568A/B wiring

**Angled CT® 6 Couplers:**
CT-C6-(XX)............. Angled, single coupler, T568A/B wiring
CT-C6-C6-(XX)....... Angled, double coupler, T568A/B wiring

**Accessories:**
TW-4 ....................102mm (4 in.) cable ties, bag of 1000
S110-TC-2P .............2-pair S110® termination caps, bag of 500

Use (XX) to specify color: 01 = black, 02 = white, 04 = gray, 20 = ivory, 80 = light ivory, 82 = alpine white

Add "-D" for spring door option

Add "B" to end of part number of bulk project pack of 100 couplers

Couplers include one color-matching icon (clear for black); one termination cap per port, plus one red and one blue icon

**Test Data:**
**Near-End Crosstalk Performance:**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Limit</th>
<th>Worst Case</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
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<td>25</td>
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</tr>
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<td>100</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>250</td>
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</tbody>
</table>

**Return Loss at 250 MHz (dB):**

<table>
<thead>
<tr>
<th>Limit</th>
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<th>Typical</th>
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</thead>
<tbody>
<tr>
<td>+6.9</td>
<td>+0.3</td>
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**FEXT Loss at 250 MHz (dB):**

<table>
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<th>Limit</th>
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<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>+2.1</td>
<td>+5.1</td>
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**Attenuation at 250 MHz (dB):**

<table>
<thead>
<tr>
<th>Limit</th>
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<tbody>
<tr>
<td>+0.35</td>
<td>+0.14</td>
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For related product information request Spec Sheet(s):
CT 5e Couplers (PROD-SS-CT5)
CT Faceplates (PROD-SS-CFP)
CT Patch Panels (PROD-SS-CTP)
Termination Tools (PROD-SS-S78)