Ultra wide-band, taper design
Flat Response 450 to 4200 MHz
200W Power Rating
Minimal RF Insertion Loss
Low Specified PIM
RoHS compliant

These Directional Couplers use a tapered stripline design for indoor applications covering from 450 to 4,200 MHz. Units couple off a defined fraction of signal with minimal reflections or loss.

The extremely wide frequency range allows use with multi-band antennas and leaky cable systems and wireless base stations. With minimal solder joints and a low loss dielectric, the dissipative loss has been minimized and reliability enhanced.

<table>
<thead>
<tr>
<th>Model Number/Conn N Type</th>
<th>Coupling nom.</th>
<th>Frequency Sensitivity</th>
<th>Coupled Insertion Loss, dB</th>
<th>Directivity dB</th>
<th>VSWR All ports</th>
<th>Weight oz (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK-08N</td>
<td>CK-08E</td>
<td>20 dB</td>
<td>±1.2 dB</td>
<td>&lt;0.3</td>
<td>&gt;18</td>
<td>36 (1.0)</td>
</tr>
<tr>
<td>CK-09N</td>
<td>CK-09E</td>
<td>30 dB</td>
<td>±1.5 dB</td>
<td>0.01 dB</td>
<td>&lt;1.25:1</td>
<td>39 (1.1)</td>
</tr>
</tbody>
</table>

Note: Specifications are subject to change without prior notification.

Dimensions in inches [mm]