FEATURES:
► Excellent Performance
► Small Size, Surface Mount
► Building Block For:
  - Power Amplifiers
  - Image Rejection Mixers
  - I & Q / SSB Modulators
  - Phase Shifters & More...

SPECIFICATIONS (Rev. H 09/18/18)

<table>
<thead>
<tr>
<th>Frequency</th>
<th>100 - 200 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss (dB) *</td>
<td>Typ.</td>
</tr>
<tr>
<td>Amplitude Unbalance</td>
<td>Typ.</td>
</tr>
<tr>
<td>Phase Unbalance</td>
<td>Typ.</td>
</tr>
<tr>
<td>Isolation (dB)</td>
<td>Typ.</td>
</tr>
<tr>
<td>Input Power</td>
<td>1 Watt (Max.)</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ohms (Nom.)</td>
</tr>
<tr>
<td>VSWR</td>
<td>1.3:1 (Typ.)</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-40 to +85 °C</td>
</tr>
<tr>
<td>Storage Temperature Range</td>
<td>-55 to +100 °C</td>
</tr>
</tbody>
</table>

* Insertion loss is the average loss of the 2 coupling values in excess of the theoretical 3 dB coupling.
90° HYBRID
SURFACE MOUNT MODEL: SLQ-K04

OCTAVE BANDWIDTH 100 - 200 MHz

Data @ 25°C

PERFORMANCE PLOTS

Insertion Loss (dB)

Frequency (MHz)

Isolation (dB)

Frequency (MHz)
90° HYBRID
SURFACE MOUNT MODEL: SLQ-K04

OCTAVE BANDWIDTH

100 - 200 MHz

Data @ 25°C

PERFORMANCE PLOTS

Phase Unbalance (deg.)

Return Loss (dB)

Frequency (MHz)
90° HYBRID
SURFACE MOUNT MODEL: SLQ-K04

OCTAVE BANDWIDTH
100 - 200 MHz

Data @ 25°C

Group Delay (nSec)

Frequency (MHz)