DC Pass

Power Splitter/Combiner

SEPS-4-222+

4 Way-0°  50Ω  800 to 2200 MHz

Max. Ratings
Operating Temperature -40°C to 85°C
Storage Temperature -55°C to 100°C
Power Input (as a splitter) 5W max.
Internal Dissipation 0.5W max.
DC Current 1A (250 mA for each port)

Features
• good isolation, 20 dB typ.
• good output matching, VSWR 1.1 typ.
• shielded case
• aqueous washable
• good coplanarity

Applications
• cellular
• GPS
• PCS

Electrical Specifications

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>ISOLATION (db)</th>
<th>INSERTION LOSS (dB) ABOVE 6.0 dB</th>
<th>PHASE UNBALANCE (Degrees)</th>
<th>AMPLITUDE UNBALANCE (db)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800-2200</td>
<td>20</td>
<td>17</td>
<td>1.0</td>
<td>1.4</td>
</tr>
</tbody>
</table>

Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document are subject to Mini-Circuit's standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp

+RoHS Compliant
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Permanent damage may occur if any of these limits are exceeded.

For RoHS Compliance methodologies and qualifications

Ground all others

Port 4  Port 3  Port 2  Port 1
SEPS-4-222+ TOTAL LOSS
SEPS-4-222+ ISOLATION

Notes:
1. Total Loss = Insertion Loss + 6dB splitter loss.