Coaxial
Power Splitter/Combiner
ZFRSC-123-S+

2 Way-0°  Resistive  50Ω  DC to 12000 MHz

Maximum Ratings
Operating Temperature  -55°C to 100°C
Storage Temperature  -55°C to 100°C
Power Input (as a splitter)  0.16W max.
Internal Dissipation  0.08W max.

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

Coaxial Connections
SUM PORT  S
PORT 1  1
PORT 2  2

Features
• very wideband, DC to 12000 MHz
• very good phase unbalance, 1 deg. typ.
• excellent amplitude unbalance, 0.1 dB typ.
• rugged shielded case

Applications
• laboratory
• IP3 test set-ups

Electrical Specifications T\text{AMBIENT}=25°C

<table>
<thead>
<tr>
<th>FREQ. RANGE (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>
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<tr>
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<td>L (Typ.)</td>
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1. Total Loss = Insertion Loss + 6dB splitter loss.

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.
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