Coaxial Power Splitter/Combiner
ZFSC-3-4+

3 Way-0° 50Ω 1 to 1000 MHz

Maximum Ratings
Operating Temperature -55°C to 100°C
Storage Temperature -55°C to 100°C
Power Input (as a splitter) 1W max.
Internal Dissipation 0.375W max.
Permanent damage may occur if any of these limits are exceeded.

Coaxial Connections
SUM PORT S
PORT 1 1
PORT 2 2
PORT 3 3

Outline Drawing

Outline Dimensions (inch mm)
A 1.25 31.75
B 1.25 31.75
C 0.75 19.05
D 0.63 16.00
E 0.38 9.65
F 1.00 25.40
G 1.00 25.40
H -- 3.18
J -- 42.88
K 0.75 19.05
L 0.75 19.05
M 1.78 45.28
N 0.07 grams
P --
Q --
wt 0.07 grams

For option B with N-Type connectors, dimension "C" increases to 0.94 inches.

Features
• very wideband, 1 to 1000 MHz
• low insertion loss, 0.7 dB typ.
• rugged shielded case

Applications
• cellular
• instrumentation
• communication system

Electrical Specifications

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>TOTAL LOSS (dB)</th>
<th>INSERTION LOSS (dB) ABOVE 4.8 dB</th>
<th>PHASE UNBALANCE (Degrees)</th>
<th>AMPLITUDE UNBALANCE (dB)</th>
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<td>5.82</td>
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<td>19.85</td>
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</tbody>
</table>

Typical Performance Data

Total Loss = Insertion Loss + 4.8dB 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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+RoHS Compliant
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