Coaxial Power Splitter/Combiner

ZFSC-2-1W+

2 Way-0° 50Ω 1 to 750 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 0.125W max.
Permanent damage may occur if any of these limits are exceeded.

Coaxial Connections
SUM PORT 3
PORT 1 1
PORT 2 2

Features
- low insertion loss, 0.4 dB typ.
- high isolation, 28 dB typ.
- excellent amplitude unbalance, 0.1 dB typ.
- excellent phase unbalance, 0.5 deg. typ.
- very good return loss, VSWR, 1.15:1 typ.
- rugged shielded case

Applications
- VHF/UHF
- federal & defense communication

Outline Drawing

Outline Dimensions (inch mm)

Outline Dimensions (inch mm)

A B C D E F G H
1.25 1.25 .75 .63 .38 1.00 .125 .1000
31.75 31.75 19.05 16.00 9.65 25.40 3.18 76.0
J K L M N P Q
-- -- .125 1.688 2.18 .75 .07 grams
-- -- 3.18 43.88 55.37 19.05 1.78 76.0

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

Electrical Specifications

Typical Performance Data

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

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