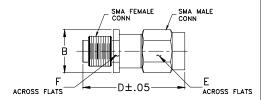
Coaxial **Precision Fixed Attenuator**

50Ω 2W 20dB

Maximum Ratings

Operating Temperature	-55°C to 100°C					
Storage Temperature	-55°C to 100°C**					
**With mated connectors. Unmated, 85°C max.						
Permanent damage may occur if any of these limits are exceeded.						

Outline Drawing



Outline Dimensions (inch)

wt	F	Е	D	В
grams	.312	.312	.99	.36
5.1	7.92	7.92	25.15	9.14

DC to 18000 MHz

Features

- DC to 18000 MHz
- precise attenuation
- excellent VSWR, 1.20 typ.
- stainless steel SMA male and female connectors

Applications

matching

- instrumentation
- test set-ups



BW-S20W2+

CASE STYLE: FF659 Price Connectors Model Qty. SMA Female-SMA Male BW-S20W2+ 29.95 ea. (1-49)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

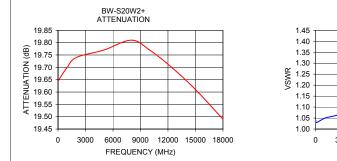
Electrical Specifications

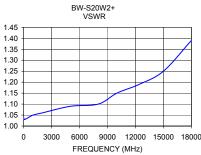
FREQ. RANGE (MHz)	ATTENUATION' (dB)		DC-4 GHz			MAX. INPUT POWER ³ (W)
f _L -f _U	Nom.	ACCURACY	Max.	Max.	Max.	
DC-18000	20	-0.5, +0.8	1.20	1.25	1.30	2

C, accuracy includes frequency and power variations. Temperature coefficient for attenuation: .0004dB/dB/°C typ. 2. VSWR from 12.4 to 18 GHz, 1.6:1 typ.

3. Average power at 25°C ambient, derate linearly to 0.5W at 100°C. Peak Power 125W max. 5µsec pulse width, 100 Hz PRF

Typical Performance Data Attenuation VSWR Frequency (MHz) (dB) (:1) 1.00 19.64 1.04 100.00 19.65 1.03 1000.00 19.70 1.05 1999 90 1974 1.06 5000.00 1977 1 0 9 7999.90 19.81 1.10 9999.90 19.77 1.15 12400.10 19.70 1.19 15000.00 19.61 1.25 18000.00 19.49 1.39





For detailed performance specs

REV. D

M98898 EE-7120 BW-S20W2

070328 Page 1 of 1

ISO 9001 ISO 14001 AS 9100 CERTIFIED P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at minicipality.

IF/RF MICROWAVE COMPONENTS

ini-Circu

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established tests performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuit's 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 benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and mendies thereunder, please visit Mini-Circuit's website at www.inincircuit.com/MCLStore/terms.jsp.

Electrical Schematic

