

BIAS TEES

SMA, up to 26.5 GHz, 25 Volts / 750 mA

RoHS
Compliant

SPECIFICATIONS:

Models: 8810SMFX-yy, 8810SFFX-yy, 8810SMMX-yy, 8810SFMX-yy

Electrical:

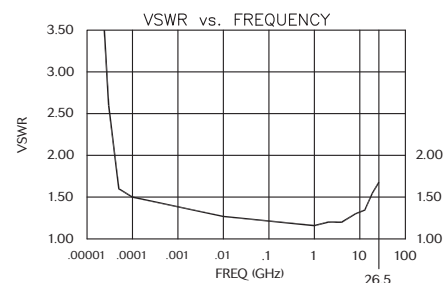
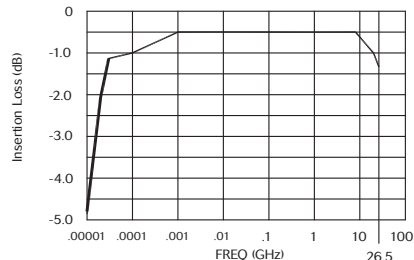
Frequency Range _____ 50 kHz - 26.5 GHz
Standard Freq. Values _____ 12.4, 18 & 26.5 GHz
VSWR _____ 1.80:1 MAX.
Insertion Loss
50 kHz - 18 GHz _____ 1.5dB Max.
18 - 26.5 GHz _____ 3.0dB Max.
Impedance _____ 50 Ohms
Isolation (RF to Bias Port) _____ 30dB Typical
DC Voltage _____ 25 VDC Max.
DC Current _____ 750 mA Max.
Rise Time (10-90%) _____ < 9 pS Typical

Mechanical:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
BNC Connectors _____ Nickel Plated Brass
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Gold Plated Brass

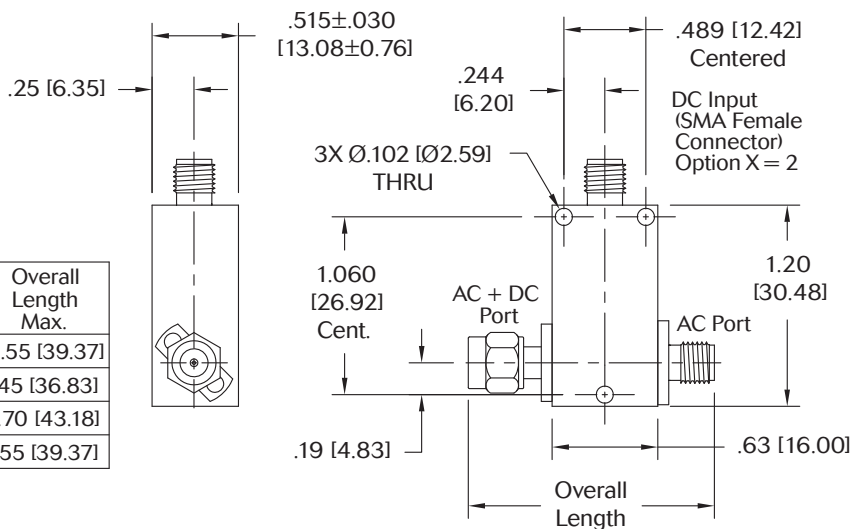
AEROFLEX
A passion for performance.

Typical performance from 100 kHz - 26.5 GHz
INSERTION LOSS vs. FREQUENCY



DC Input Connector Options	
Solder Post, X=1	BNC Female, X=3

Model Numbers	Connector Configuration Port		Overall Length Max.
	AC + DC	AC	
8810SMFX-yy	Male	Female	1.55 [39.37]
8810SFFX-yy	Female	Female	1.45 [36.83]
8810SMMX-yy	Male	Male	1.70 [43.18]
8810SFMX-yy	Female	Male	1.55 [39.37]



HOW TO ORDER:

Model Number: **8810SZZX-yy**

Base Number _____ Freq. Range
DC Connector Type _____
1 = Solder Post 12 = 50 kHz - 12.4 GHz
2 = SMA Female Conn. 18 = 50 kHz = 18 GHz
3 = BNC Female Conn. 26 = 50 kHz = 26.5 GHz

Ordering Examples:

Model Number: **8810SFF2-12**
50 kHz - 12.4 GHz, SMA Fem/Fem
SMA Female DC Connector Type

Model Number: **8810SMF1-18**
50 kHz - 18 GHz, SMA Male/Fem
Solder Post DC Connector Type

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.

8810S: REV G

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Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex-inmet.com • inmet-sales@eroflex.com