

BIAS TEES

2.4mm, 50 kHz - 50 GHz, 25 Volts / 150 mA

RoHS
Compliant

SPECIFICATIONS:

Models: 8810EMFX-50, 8810EFFX-50, 8810EMMX-50, 8810EFMX-50

AEROFLEX
A passion for performance.

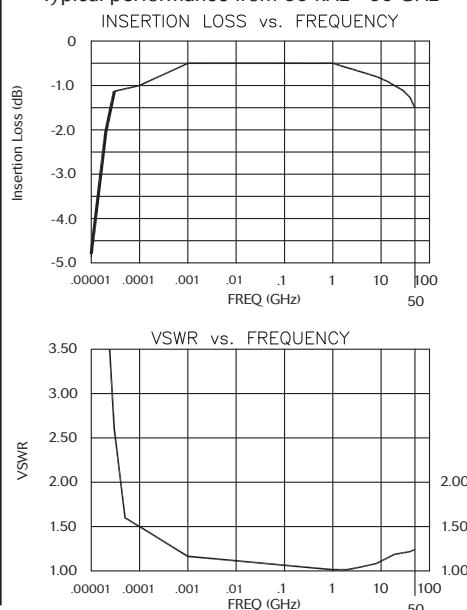
Electrical:

Frequency Range _____ 50 kHz - 50 GHz
VSWR: _____ 1.80:1 Max.
Insertion Loss:
100 kHz _____ 0.5dB Typical
50 kHz - 18 GHz _____ 1.5dB Max.
18 - 50 GHz _____ 3.0dB Max.
Impedance _____ 50 ohms
Isolation (RF to Bias Port):
250 kHz - 26 GHz _____ 50dB Typical
100 kHz - 50 GHz _____ 30dB Typ.
DC Voltage _____ 25 VDC Max.
DC Current _____ 150 mA Max.
Rise Time (10% - 90%) _____ < 9 pS Typical

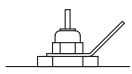
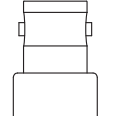
Mechanical:

2.4mm Connectors _____ Passivated Stainless Steel
Mates with 1.85mm & V* Connectors
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Aluminum with Chemical Conv. Coating
or Gold Plated Brass
SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
BNC Connectors _____ Nickel Plated Brass
Mates with MIL-STD-348

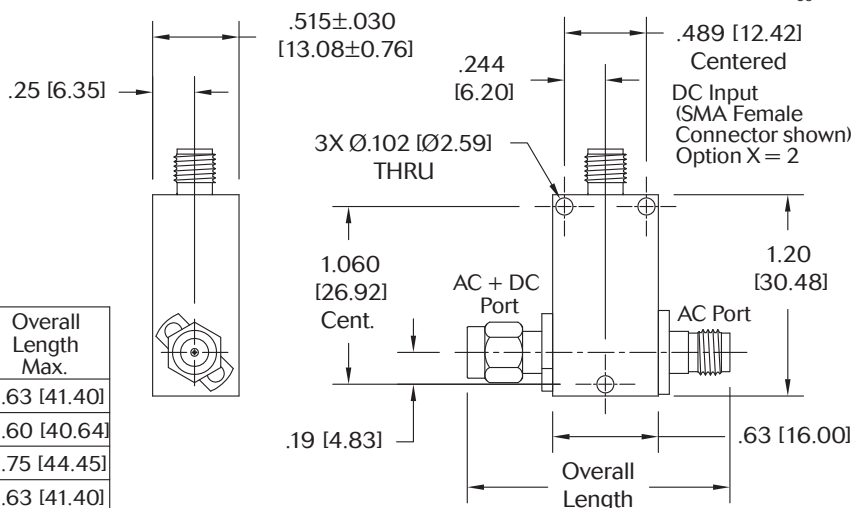
Typical performance from 50 kHz - 50 GHz



*V is a trademark of Anritsu Corp.

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

Model Numbers	Connector Configuration Port		Overall Length Max.
	AC + DC	AC	
8810EMFX-yy	Male	Female	1.63 [41.40]
8810EFFX-yy	Female	Female	1.60 [40.64]
8810EMMX-yy	Male	Male	1.75 [44.45]
8810EFMX-yy	Female	Male	1.63 [41.40]



HOW TO ORDER:

Model Number: **8810EyyX-50**

Base Number _____ DC Connector Type
1 = Solder Post
2 = SMA Female Conn.
3 = BNC Female Conn.

Ordering Examples:

Model Number: **8810EFF2-50**
50 KHz - 50 GHz, 2.4mm Fem/Fem
SMA Female DC Connector Type
Model Number: **8810EMF1-50**
50 KHz - 50 GHz, 2.4mm 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.

8810E: REV N

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