

# BIAS TEES

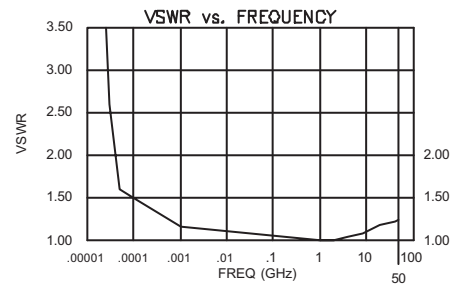
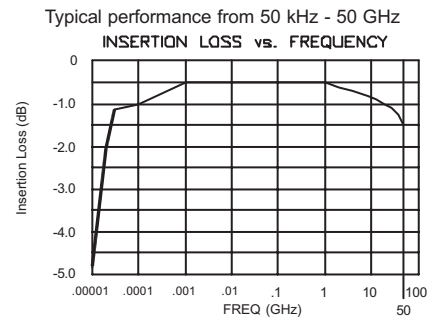
2.4mm, 50 kHz - 50 GHz, 25 Volts / 150 mA

## SPECIFICATIONS:

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

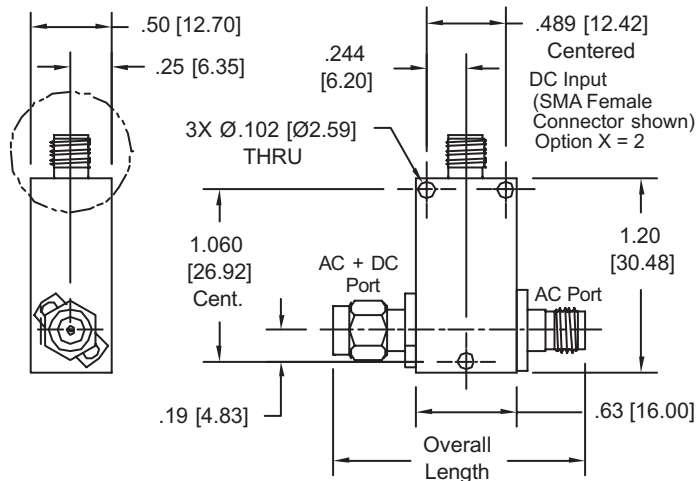
<b>Electrical:</b>	
Frequency Range	50 kHz - 50 GHz
VSWR:	1.80:1 Max.
Insertion Loss:	
100 kHz	0.5dB Typical
50 kHz - 18 GHz	1.5dB Max.
18 - 50 GHz	3.0dB Max.
Impedance	50 ohms
Isolation (RF to Bias Port):	
250 kHz - 26 GHz	50dB Typical
100 kHz - 50 GHz	30dB Typ.
DC Voltage	25 VDC Max.
DC Current	150 mA Max.
Rise Time (10% - 90%)	< 9 pS Typical
<b>Mechanical:</b>	
2.4mm Connectors	Gold Plated Beryllium Copper
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	

\*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 and/or use.

8810E; REV L



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