

Bias Tees

2.4mm

50 kHz – 50 GHz

MODELS: 8810EMFX-YY, 8810EFFX-YY, 8810EMMX-YY, 8810EFMX-YY

Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	50 kHz – 50 GHz
VSWR	1.80:1
Insertion Loss	
100 kHz	0.5 dB typical
50 kHz – 18 GHz	1.5 dB max.
18 – 40 GHz	3.0 dB max.
40 – 50 GHz	3.0 dB typical, 4.0 dB max
Impedance	50 Ohms
Isolation (RF to Bias Port)	
250 kHz – 26 GHz	50 dB typical
100 kHz – 50 GHz	30 dB typical
DC Voltage	25 VDC max.
DC Current	150 mA max.
Rise Time (10% - 90%)	< 9 pS typical
<i>Mechanical</i>	
2.4mm Connectors Mates with MIL-STD-348 & V* Connectors	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Housing	Aluminum w/ chemical conversion coating or gold- plated brass
SMA Connectors Mates with MIL-STD-348	Passivated Stainless Steel

*V is a trademark of Anritsu

How To Order

Model #: **8810EYYX-50**

Model Number

DC Connector Type

1 = Solder post

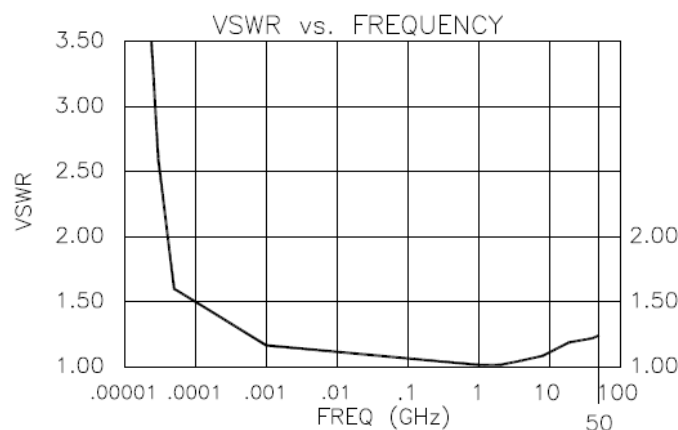
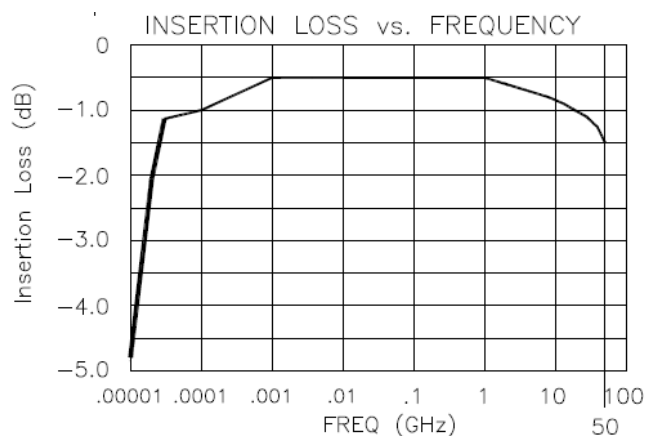
2 = SMA female conn.

Order Examples

Model number: 8810EFF2-50
 50 kHz – 50 GHz, 2.4mm, Fem/Fem
 SMA Female DC Connector Type

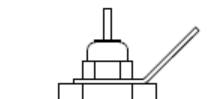
Model number: 8810EMF1-50
 50 kHz – 50 GHz, 2.4mm, Male/Fem
 Solder Post DC Connector Type

Typical Performance from 50 kHz – 50 GHz



DC Input Connector Option

Solder Post, X = 1



Model Numbers	Connector Configuration Port		Overall Length Max.
	AC + DC	AC	
8810EMFX-50	Male	Female	1.63 [41.40]
8810EFFX-50	Female	Female	1.60 [40.64]
8810EMMX-50	Male	Male	1.75 [44.45]
8810EFMX-50	Female	Male	1.63 [41.40]

