

Bias Tees SMA

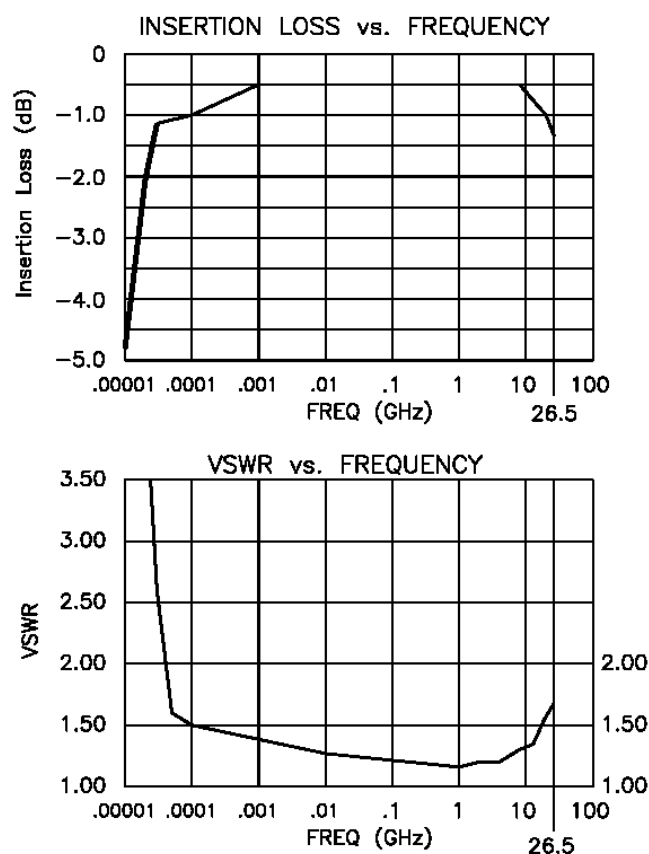
Up to 26.5 GHz

MODELS: 8810SMFX-YY, 8810SFFX-YY, 8810SMMX-YY, 88201FMX-YY

Technical Specifications

Parameter	Value
<i>Electrical</i>	
Frequency Range	50 kHz – 26.5 GHz
Standard Freq. Values	12.4, 18, & 26.5 GHz
Insertion Loss	
50 kHz – 18 GHz	1.5 dB max.
18 GHz – 26.5 GHz	3.0 dB max.
VSWR	1.80:1
Isolation (RF to Bias Port)	30 dB typ.
Impedance	50 Ohms
Bias Path Resistance	0.008 Ohms typ., 0.010 Ohms max.
DC Voltage	25 VDC max.
DC Current	750 mA max.
Rise Time (10-90%)	< 9 pS typical
<i>Mechanical</i>	
SMA Connectors Mates with MIL-STD-348	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Housing	Gold Plated Brass

Typical Performance from
100 kHz – 26.5 GHz



How To Order

Model #: **8810SZZX-YY**

Model Number ——— Freq. Range
 12 = 50 kHz – 12.4 GHz
 18 = 50 kHz – 18 GHz
 26 = 50 kHz – 26.5 GHz

DC Connector Type ———
 1 = Solder post
 2 = SMA female conn.

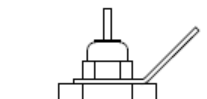
Order Examples

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

DC Input Connector Option

Solder Post, X = 1



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]

