

Bias Tees 2.9mm

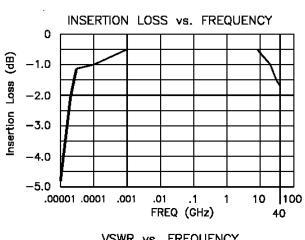
50 kHz - 40 GHz

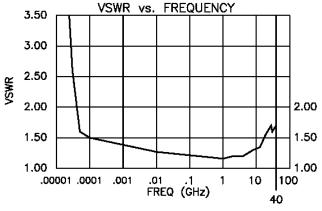
MODELS: 8810KMFX-YY, 8810KFFX-YY, 8810KMMX-YY, 8810KFMX-YY

Technical Specifications

Parameter	Value			
Electrical				
Frequency Range	50 kHz – 40 GHz			
Standard Freq. Values	26.5 & 40 GHz			
VSWR	1.80:1			
Insertion Loss 50 kHz – 18 GHz 18 – 40 GHz	1.5 dB max. 3.0 dB max.			
Impedance	50 Ohms			
Isolation (RF to Bias Port) 250 kHz – 26.5 GHz 100 kHz – 40 GHz	50 dB typical 30 dB typical			
DC Voltage	25 VDC max.			
DC Current Model 8810KXXX-26 Model 8810KXXX-40	750 mA max. 150 mA max.			
Rise Time (10% - 90%)	< 9 pS typical			
Mechanical				
2.9mm Connectors Mates with SMA, 3.5mm, *K. SMK IAW MIL-STD-348	Passivated Stainless Steel			
Conductors	Gold Plated Beryllium Copper			
Housing	Gold Plated Brass			
SMA Connectors Mates with MIL-STD-348	Passivated Stainless Steel			

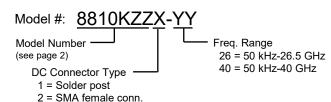
Typical Performance from 50 kHz - 50 GHz





*K is a trademark of Anritsu Corp.

How To Order



Order Examples

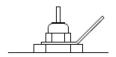
Model number: **8810KFF2-26** 50 kHz – 26.5 GHz, 2.9mm, Fem/Fem 25 Volts, 750mA max. SMA Female DC Connector Type

Model number: **8810KMF1-40** 50 kHz – 40 GHz, 2.9mm, Male/Fem 25 Volts, 150mA max. Solder Post DC Connector Type

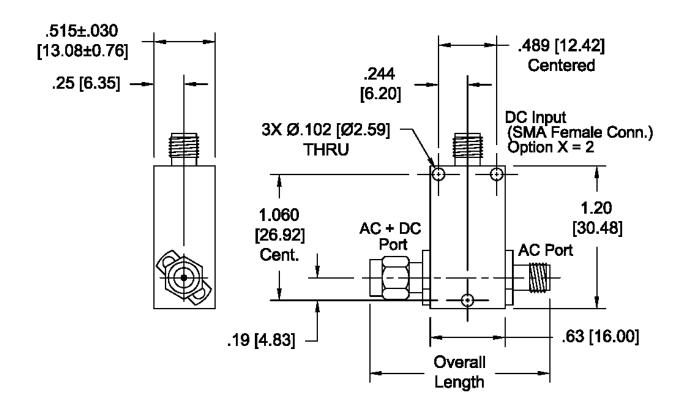




DC Input Connector Option Solder Post, X = 1



Model Numbers	Connector Configuration Port		Overall Length
	AC + DC	AC	Max.
8810KMFX-YY	Male	Female	1.63 [41.40]
8810KFFX-YY	Female	Female	1.60 [40.64]
8810KMMX-YY	Male	Male	1.75 [44.45]
8810KFMX-YY	Female	Male	1.63 [41.40]



^{**}Dimensions in brackets are expressed in millimeters and are for reference only.