

# BIAS TEES

## 2.9mm

UP TO 40 GHz  
25 VOLTS



MODELS: 8810KMFY-YY, 8810KFFX-YY, 8810KMMX-YY, 8810KFMX-YY Typical performance from 50 kHz – 40 GHz

### SPECIFICATIONS:

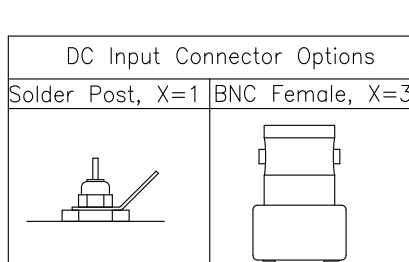
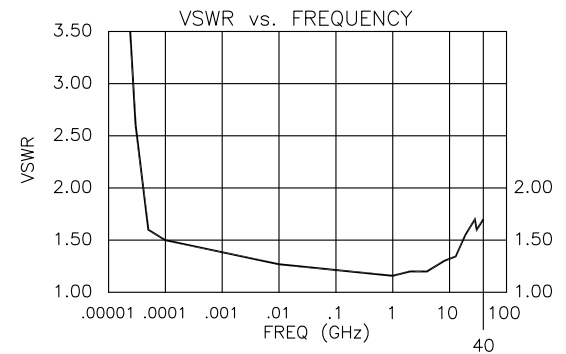
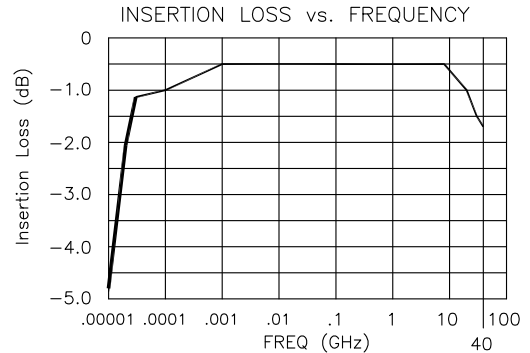
#### Electrical:

Frequency Range \_\_\_\_\_ 50 kHz – 40 GHz  
 Standard Freq. Values \_\_\_\_\_ 26.5 & 40 GHz  
 VSWR \_\_\_\_\_ 1.80:1 Max.  
 Insertion Loss  
 50 kHz – 18 GHz \_\_\_\_\_ 1.5dB Max.  
 18 – 40 GHz \_\_\_\_\_ 3.0dB Max.  
 Impedance \_\_\_\_\_ 50 Ohms  
 Isolation (RF to Bias Port)  
 250 kHz – 26.5 GHz \_\_\_\_\_ 50dB Typical  
 100 kHz – 40 GHz \_\_\_\_\_ 30dB Typ.  
 DC Voltage \_\_\_\_\_ 25 VDC Max.  
 DC Current  
 Model 8810KXXX-26 \_\_\_\_\_ 750 mA Max.  
 Model 8810KXXX-40 \_\_\_\_\_ 150 mA Max.  
 Rise Time (10–90%) \_\_\_\_\_ < 9 pS Typical

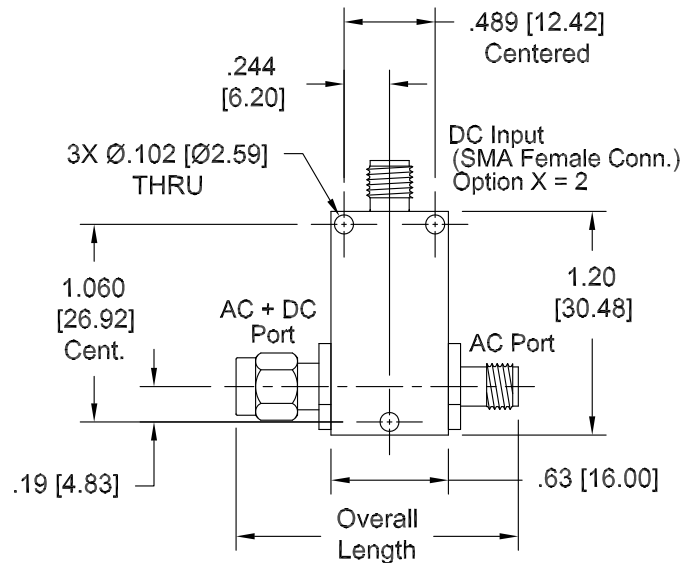
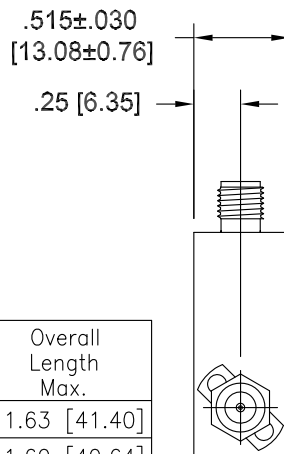
#### Mechanical:

2.9mm Connectors \_\_\_\_\_ Passivated Stainless Steel  
 (Mates with SMA, 3.5mm and K\* Connectors  
 as well as SMK IAW MIL-STD-348)  
 Conductors \_\_\_\_\_ Gold Plated Beryllium Copper  
 Housing \_\_\_\_\_ Gold Plated Brass  
 SMA Connectors \_\_\_\_\_ Passivated Stainless Steel  
 Mates with MIL-STD-348  
 BNC Connectors \_\_\_\_\_ Nickel Plated Brass  
 Mates with MIL-STD-348

\*K is a trademark of Anritsu Corp.



Model Numbers	Connector Configuration Port		Overall Length Max.
	AC + DC	AC	
8810KMFY-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]



### HOW TO ORDER:

Model Number: **8810KZZX-YY**

Base Number | Freq. Range  
 DC Connector Type | 26 = 50 kHz – 26.5 GHz  
 1 = Solder Post | 40 = 50 kHz = 40 GHz  
 2 = SMA Female Conn.  
 3 = BNC Female Conn.

### Ordering 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

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.