

# BIAS TEES, TYPE F (75 $\Omega$ )

up to 3 GHz, 200 Volts / 2.5 Amps

## SPECIFICATIONS:

Models: 8875FMFX-yy, 8875FFFX-yy, 8875FMMX-yy, 8875FFMX-yy

### Electrical:

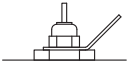
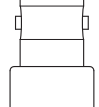
Frequency Range	_____	10 MHz - 3 GHz
Insertion Loss	Typical	Maximum
10 MHz - 30 MHz	2.00 dB	3.00 dB
30 MHz - 3 GHz	0.75 dB	1.50 dB
VSWR	Typical	Maximum
30 MHz - 3 GHz	1.50:1	1.80:1
Isolation (RF to Bias Port)	_____	> 30dB Typ.
3dB Bandwidth	_____	5 MHz - 6 GHz
Impedance	_____	75 Ohms
Bias-Path Resistance	_____	0.04 Ohms Typ., 0.05 Ohms Max.
DC Voltage	_____	100 VDC Max.
DC Current	_____	2.5 Amps Max.

### Environmental

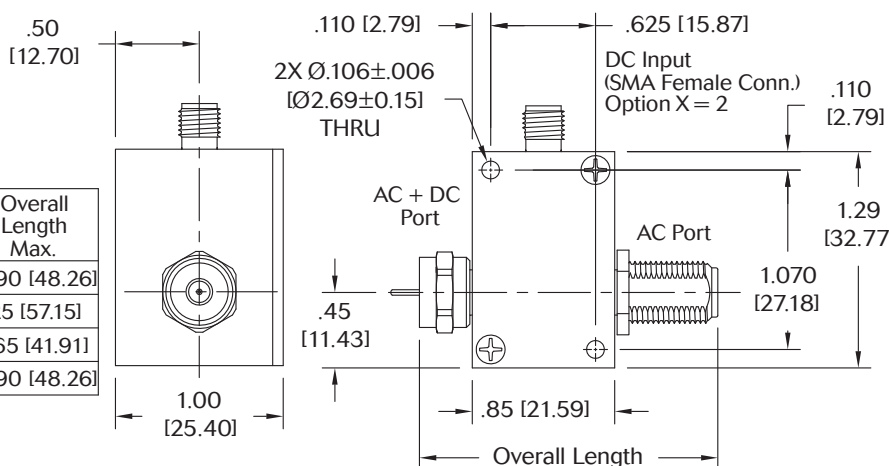
Operating Temperature Range	_____	-55°C to +105°C
Storage Temperature Range	_____	-60°C to +90°C

### Mechanical:

SMA Connectors	_____	Passivated Stainless Steel
Mates with MIL-STD-348		
BNC Connectors	_____	Nickel Plated Brass
Mates with MIL-STD-348		
Type F Connectors	_____	Nickel Plated Brass
Conductors	_____	Gold Plated Beryllium Copper
Body	_____	Aluminum with Chemical Conversion Coating

DC Input Connector Options	
Solder Post, X=1	BNC Female, X=3
	

Model Numbers	Connector Configuration Port		Overall Length Max.
	AC + DC	AC	
8875FMFX-yy	Male	Female	1.90 [48.26]
8875FFFX-yy	Female	Female	2.25 [57.15]
8875FMMX-yy	Male	Male	1.65 [41.91]
8875FFMX-yy	Female	Male	1.90 [48.26]



## HOW TO ORDER:

Model Number: **8875FZZX-yy**

Base Number

Freq. Range

03 = 10 MHz - 3.0 GHz

DC Connector Type

1 = Solder Post

2 = SMA Female Conn.

3 = BNC Female Conn.

## Ordering Examples:

Model Number: **8875FFF2-03**

10 MHz - 3.0 GHz, Type F Fem/Fem  
SMA Female DC Connector Type

Model Number: **8875FMF1-03**

10 MHz - 3 GHz, Type F 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 or use.

8875F: REV C



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