

BIAS TEES, TYPE F (75 Ω)

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.	

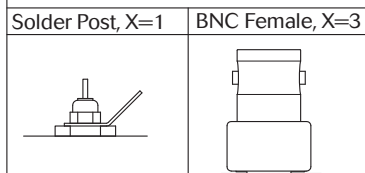
Environmental

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

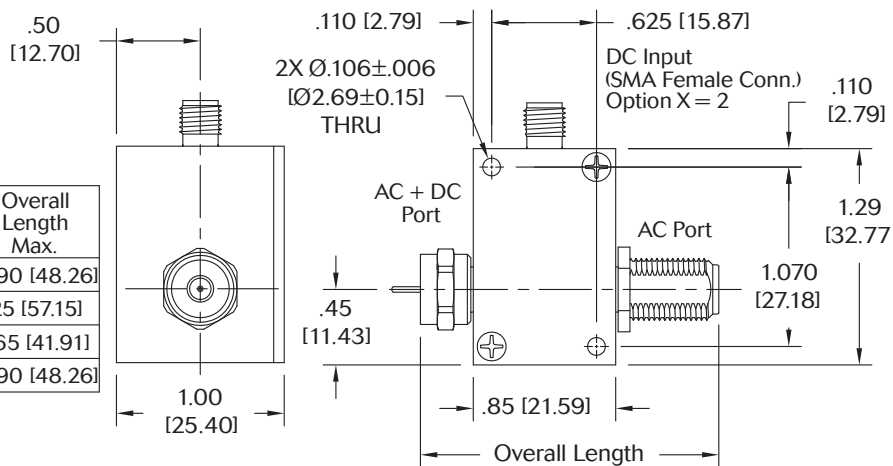
Mechanical:

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

DC Input Connector Options



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
 DC Connector Type | 03 = 10 MHz - 3.0 GHz
 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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