

BIAS TEES TYPE N (75 Ω)

UP TO 3 GHz
100 VOLTS / 2.5 AMPS



MODELS: 8875NMFY-YY, 8875NFFX-YY, 8875NMMX-YY, 8875NFMX-YY

SPECIFICATIONS:

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.

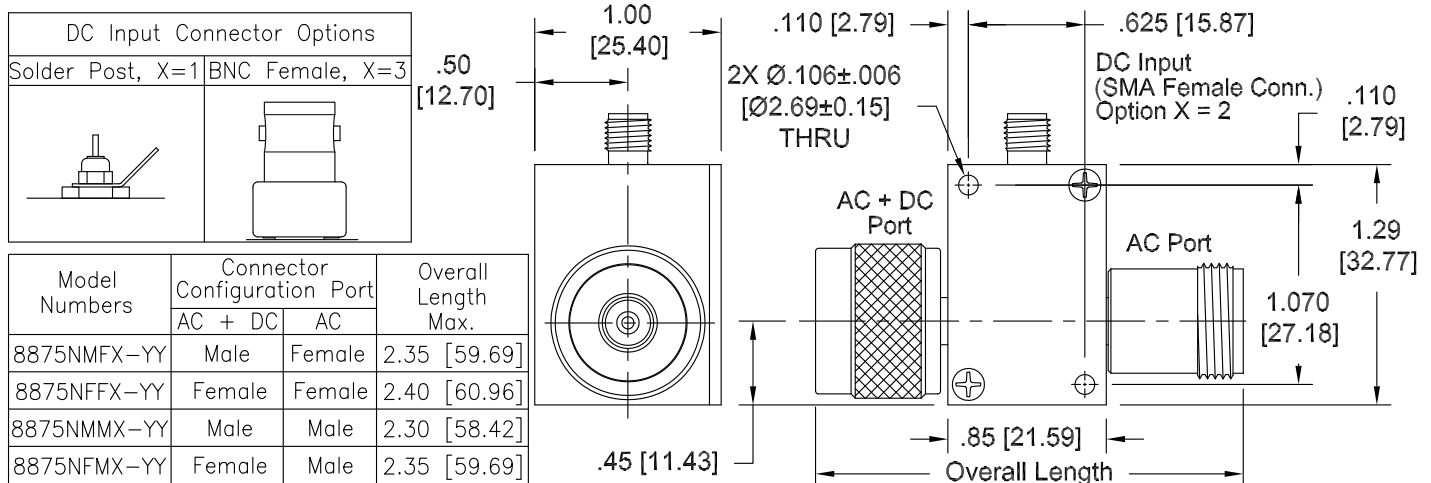
Environmental:

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

**75 Ohm Type N Connectors Mate only with other 75 Ohm Type N Connectors
 Mating with a 50 Ohm Connector May DAMAGE Center Conductors.



HOW TO ORDER:

Model Number: **8875NZZX-YY**

Base Number

DC Connector Type

- 1 = Solder Post
- 2 = SMA Female Conn.
- 3 = BNC Female Conn.

Freq. Range

03 = 10 MHz – 3.0 GHz

Ordering Examples:

Model Number: **8875NFF2-03**

10 MHz – 3.0 GHz, Type 75-Ohm N Fem/Fem
 SMA Female DC Connector Type

Model Number: **8875NMF1-03**

10 MHz – 3 GHz, Type 75-Ohm N 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.