

BIAS TEES, TYPE N (75 Ω)

up to 3 GHz, 100 Volts / 2.5 Amps

SPECIFICATIONS:

Models: 8875NMFx-yy, 8875NFFx-yy, 8875NMMx-yy, 8875NFMx-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. |

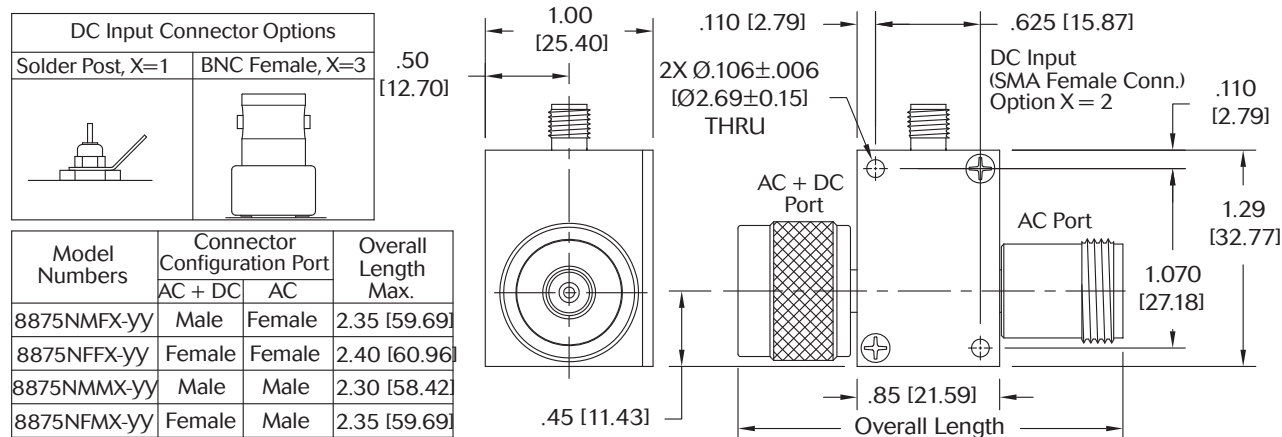
Environmental

| | | |
|-----------------------------|-------|-----------------|
| 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 | _____ | |
| **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 | Freq. Range
 DC Connector Type |
 1 = Solder Post | 03 = 10 MHz - 3.0 GHz
 2 = SMA Female Conn.
 3 = BNC Female Conn.

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.

8875N: REV B



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