

N Male Low PIM Connector Solder Attachment for SPO-500, SPF-



## RF Connectors Technical Data Sheet



# Times Microwave Systems Connector Specification Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry

- SPO-500, SPF-500 Interface Type
- Solder/Solder Attachment
- Low PIM Design

### Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.25:1
- PIM levels lower than -160 dBc

- Silver Plated Brass Contact
- 200 µin contact plating

### Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications
- Distributed Antenna Systems (DAS)

#### Description

Times Microwave's ET11036 type N male connector offered by Ebeestock with solder/solder attachment for Times' SPO-500 and SPF-500 is part of our full line of RF components available for same-day shipping. Times Microwave's type N male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. The Times type N male connector also has low passive intermodulation of -160 dBc.

Times Microwave's type N male connector ET11036 datasheet specifications and drawing with dimensions are shown below in this PDF. Ebeestock's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Ebeestock has the right connector for the job. Ebeestock can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.25:1	
Insertion Loss			0.25	dB
Passive Intermodulation			-160	dBc
Operating Voltage (DC)			2,000	Vdc
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Low PIM Connector Solder Attachment for SPO-500, SPF-500 ET11036



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#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.1:1	1.25:1				

Electrical Specification Notes: Insertion Loss is 0.1\*sqrt(FGHz)

### Mechanical Specifications

Size

Length 1.24 in [31.5 mm]

6 to 10 in-lbs [0.68 to 1.13 Nm] Mating Torque

#### Material Specifications

Description	Material	Plating
Contact	Brass	Silver 200 µin
Insulation	PTFE	
Body	Brass	Tri-Metal 80 µin
Coupling Nut	Brass	Tri-Metal 80 µin
Gasket	Silicone	

### **Environmental Specifications**

Temperature

Operating Range -40 to +125 deg C US MIL-STD 202G Shock Vibration US MIL-STD 202G Thermal Shock US MIL-STD 202G

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Low PIM Connector Solder Attachment for SPO-500, SPF-500 ET11036

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N Male Low PIM Connector Solder Attachment for SPO-500, SPF-500 from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Low PIM Connector Solder Attachment for SPO-500, SPF-500 ET11036

URL: https://www.ebeestock.com/n-male-low-pim-connector-solder-attachment-for-spo-500-spf-500-0 011036

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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