

N Female Low PIM Connector Solder Attachment for ET38339, ET 38365, SPO-250, SPF-250



## RF Connectors Technical Data Sheet

ET10996

## Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry

- Connector Interface Types: ET38339, SPP-250-LL- PL, SPO-250, SPF-250
- Low PIM Design

### Features

- Max. Operating Frequency 6 GHz
- PIM levels lower than -160 dBc

Silver Plated Bronze Contact

## Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

### Description

Ebeestock's ET10996 type N female connector with solder/solder attachment for ET38339, ET38365, SPO-250 and SPF-250 is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 6 GHz. The type N female connector also has low passive intermodulation of -160 dBc.

Our type N female connector ET10996 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
Passive Intermodulation			-160	dBc
Dielectric Withstanding Voltage (AC)			750	Vrms

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.25:1	1.35:1				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Low PIM Connector Solder Attachment for ET38339, ET38365, SPO-250, SPF-250 ET10996

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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## Mechanical Specifications

Size

 Length
 1.18 in [29.97 mm]

 Width/Dia.
 0.62 in [15.75 mm]

 Weight
 0.06 lbs [27.22 g]

### Material Specifications

Description	Material	Plating		
Contact	Bronze	Silver		
Insulation	PTFE			
Outer Conductor	Brass	Tri-Metal		
Body	Brass	Tri-Metal		

Mechanical Specification Notes: Interface Conforms to IEC 61169-16

### **Environmental Specifications**

Temperature

Operating Range -40 to +155 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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N Female Low PIM Connector Solder Attachment for ET38339, ET38365, SPO-250, SPF-250 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.

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**URL:** https://www.ebeestock.com/n-female-low-pim-connector-solder-attachment-for-pe-1-4sfhc-spp-250-llpl-spo-250-spf-250-0010996

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.

