

N Male Low PIM Connector Clamp/Non-Solder Contact Attachment for 1/4 inch Superflexible, ET38339, IP67 Rated



RF Connectors Technical Data Sheet

ET10945

Configuration

- N Male Connector
- IEC 60169-16
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.1:1
- PIM levels lower than -160 dBc

- 1/4 inch Superflexible, ET38339 Interface Type
- Clamp/Non-Solder Contact Attachment
- 19 mm Hex
- Low PIM Design

Applications

- General Purpose Test
- Wireless Communications

- Silver Plated Spring Copper Contact
- 5 µm minimum contact plating
- IP67 Rated

- Custom Cable Assemblies
- Low PIM Applications

Description

Ebeestock's ET10945 type N male low PIM connector with clamp/non-solder contact attachment for 1/4 inch Superflexible and ET38339 is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.1:1. The type N male connector also has low passive intermodulation of -160 dBc. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our type N male connector ET10945 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		3	GHz
VSWR			1.1:1	
Insertion Loss			0.1	dB
Passive Intermodulation using 2x20W tones			-160	dBc
Operating Voltage (DC)			1,700	Vdc
Dielectric Withstanding Voltage (DC)			2,500	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 Clamp/Non-Solder Contact Attachment for 1/4 inch Superflexible, ET38339, IP67 Rated ET10945

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
 1.96 in [49.78 mm]

 Width/Dia.
 0.748 in [19.00 mm]

 Weight
 0.6 lbs [272.16 g]

Material Specifications

Description	Material	Plating
Contact	Spring Copper	Silver 5 µm minimum
Insulation	PTFE	
Outer Conductor	Brass	Nickel 5 µm minimum
Body	Brass	Tri-Metal 2 µm minimum
Coupling Nut	Brass	Nickel 5 µm minimum

Environmental SpecificationsTemperature

Operating Range Ingress Protection (IP) Rating

Shock
Vibration
Thermal Shock

-40 to +85 deg C IP67 Rated IEC 60068-2-27 IEC 60068-2-6-Fc IEC 60068-2-14-Na

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

N Male Low PIM Connector Clamp/Non-Solder Contact Attachment for 1/4 inch Superflexible, ET38339, IP67 Rated from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/n-male-low-pim-connector-clamp-non-solder-contact-attachment-for -1-4-inch-superflexible-pe-1-4sfhc-ip67-rated-0010945

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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ET10945 CAD Drawing

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