



RF Adapters Technical Data Sheet

ET1258

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Configuration

- SMA Female Reverse Polarity Connector 1
- N Male Connector 2

Features

- Max VSWR of 1.25:1 up to 11 GHz
- SMA Interface compliant with MIL-STD-348
- N Interface compliant with MIL-STD-348

- 50 Ohms
- Straight Body Geometry
- Gold Plated Contact
- Contact Plating per MIL-G-45204

Applications

Allows Connection Between Series
 General Purpose Test

Description

Ebeestock's ET12589 reverse polarity SMA female to type N male adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our reverse polarity SMA to type N adapter has a female to male gender configuration. ET12589 reverse polarity SMA female to type N male adapter operates to 11 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

| Frequency Range | DC | 11 | GHz |
|-----------------|----|--------|-----|
| VSWR | | 1.25:1 | |

Electrical Specification Notes: Values at 25°C, sea level

Mechanical Specifications

Size

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price,





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| Description | Connector 1 | Connector 2 |
|-------------------------|------------------|-------------|
| Type | SMA Female | N Male |
| Polarity | Reverse Polarity | Standard |
| Interface Specification | MIL-STD-348 | MIL-STD-348 |
| | | |

Material Specifications

| | Conne | ector 1 | Conn | ector 2 |
|-----------------|------------------------|-------------|----------|-------------|
| Description | Material | Plating | Material | Plating |
| Type SMA I | Female Reverse Polarit | y | N Male | |
| Contact | | Gold | | Gold |
| | | MIL-G-45204 | | MIL-G-45204 |
| Insulation | PTFE | | PTFE | |
| Outer Conductor | Brass | Nickel | | |
| | | QQ-N-290 | | |
| Body | | | Brass | Nickel |
| | | | | QQ-N-290 |
| Coupling Nut | | | Brass | Nickel |
| | | | | QQ-N-290 |
| | | | | |

Environmental SpecificationsTemperature

Operating Range

-65 to +165 deg C

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: Reverse Polarity SMA Female to N Male Adapter ET12589





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Reverse Polarity SMA Female to N Male Adapter 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity SMA Female to N Male Adapter ET12589

URL: https://www.ebeestock.com/rp-sma-female-to-n-male-adapter-0012589

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.

ET12589 CAD Drawing
Reverse Polarity SMA Female to N Male Adapter

