

N Female to 2.2-5 Female Adapter, Low PIM



RF Adapters Technical Data Sheet

ET1255

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Configuration

- N Female Connector 1
- 2.2-5 Female Connector 2
- 50 Ohm

- Low PIM Design
- Straight Body Geometry

Features

- Max VSWR of 1.25:1 up to 8 GHz
- Typical PIM levels of -160 dBc
- Silver Plated Beryllium Copper Contact

- VSWR of 1.25:1 max up to 8 GHz
- PIM levels better than -160 dBc
- Corrosion Resistant Tri-Metal finish

Applications

- Allows Connection Between Series
- General Purpose Test
- Low PIM Applications
- Mobile Communications Systems
- Base Stations
- Distributed Antenna Systems
- Small Cells
- Feeder Cables

Description

Ebeestock's ET12556 type N female to 2.2-5 female adapter is part of our full line of RF components available for same-day shipping. Our type N to 2.2-5 adapter has a female to female gender configuration in a low PIM design. ET12556 type N female to 2.2-5 female adapter operates to 8 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum and passive intermodulation of -160 dBc typical.

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 | | | | |
|--------------------------------------|----|------|--------|------|
| Erequency Range | DC | | 8 | GHz |
| VSWR | | | 1.25:1 | |
| Passive Intermodulation | | -160 | | dBc |
| Dielectric Withstanding Voltage (AC) | | | 750 | Vrms |

Mechanical Specifications

Size

 Length
 1.35 in [34.29 mm]

 Width
 0.49 in [12.45 mm]

 Weight
 0.07 lbs [31.75 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female to 2.2-5 Female Adapter, Low PIM ET12556

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| N Female | 2.2-5 Female |
|----------|--------------|
| Standard | Standard |
| | |

Material Specifications

| Description | Connector 1 | | Connector 2 | | |
|-----------------|------------------|-----------|------------------|-----------|--|
| | Material | Plating | Material | Plating | |
| Туре | N Female | | 2.2-5 Female | | |
| Contact | Beryllium Copper | Silver | Beryllium Copper | Silver | |
| Insulation | PTFE | | PTFE | | |
| Outer Conductor | Bronze | Silver | Bronze | Silver | |
| Body | Brass | Tri-Metal | Brass | Tri-Metal | |

Environmental Specifications

Temperature

Operating Range -40 to +155 °C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

N Female to 2.2-5 Female Adapter, Low PIM 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-to-2-2-5-female-adapter-low-pim-0012556

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.

