



DC Block on Outer Conductor 50 Ohm N Male to N
Female Operating From 10 MHz to 18 GHz

TECHNICAL DATA SHEET

PE8214

DC Block on Outer Conductor 50 Ohm N Male to N Female Operating From 10 MHz to 18 GHz

Configuration

| | |
|---------------------------|----------------|
| Design | Outer DC Block |
| Body Style | Straight |
| Impedance | 50 Ohms |
| Connector 1 | N Male |
| Connector Specification 1 | MIL-STD-348 |
| Connector 2 | N Female |
| Connector Specification 2 | MIL-STD-348 |

Electrical Specifications

| | |
|---------------------------------|------------|
| Frequency Range, GHz | 0.01 to 18 |
| Impedance, Ohms | 50 |
| Maximum VSWR | 1.35:1 |
| Maximum Insertion Loss, dB | 0.6 |
| Maximum Operating Voltage, Vrms | 200 |

Mechanical Specifications

Size

| | |
|---------------------|--------------|
| Length, in [mm] | 1.91 [48.51] |
| Width/Dia., in [mm] | 0.8 [20.32] |

Connector 1

| | |
|------|--------|
| Type | N Male |
|------|--------|

Connector 2

| | |
|------|----------|
| Type | N Female |
|------|----------|

Compliance Certifications (visit www.Pasternack.com for current document)

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Block on Outer Conductor 50 Ohm N Male to N Female Operating From 10 MHz to 18 GHz PE8214](#)

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



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Plotted and Other Data

Notes:

Values at 25 °C, sea level

DC Block on Outer Conductor 50 Ohm N Male to N Female Operating From 10 MHz to 18 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

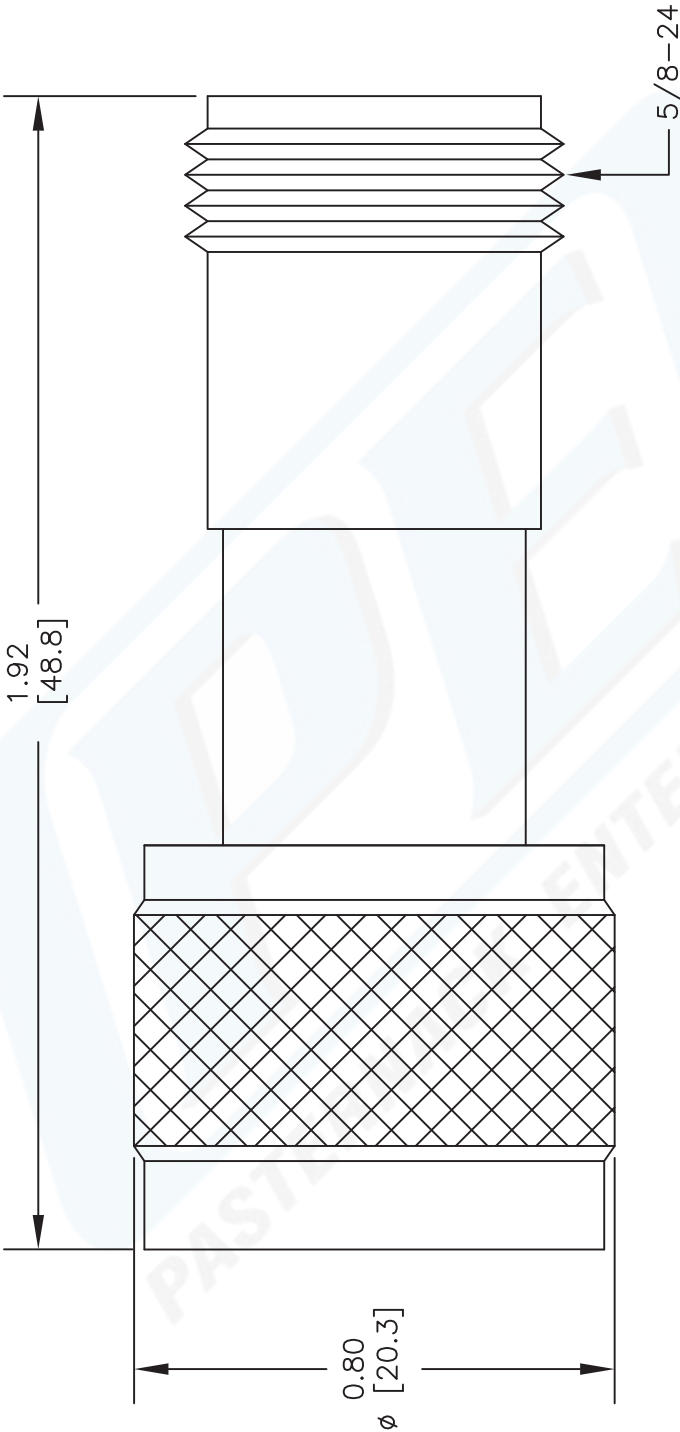
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Block on Outer Conductor 50 Ohm N Male to N Female Operating From 10 MHz to 18 GHz PE8214](http://www.pasternack.com/50-ohm-n-outer-dc-block-0.1-18-ghz-pe8214-p.aspx)

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PE8214 CAD Drawing

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NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE8214

FSCM NO. 53919

SIZE A

SCALE N/A

CAD FILE 110812-A

2233

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