



Low PIM TNC Male to TNC Female Adapter

TECHNICAL DATA SHEET

PE91173

Configuration

| | |
|----------------|------------|
| Connector 1 | TNC Male |
| Impedance 1 | 50 Ohms |
| Connector 2 | TNC Female |
| Impedance 2 | 50 Ohms |
| Adapter Design | Low PIM |
| Body Style | Straight |

Electrical Specifications

| | |
|---|---------|
| Frequency Range, GHz | DC to 6 |
| Maximum VSWR | 1.25:1 |
| Maximum Passive Intermodulation (2 x 20 Watts), dBc | -150 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -45 to +125 |
|------------------------|-------------|

Size

| | |
|---------------------|-------------|
| Length, in [mm] | 1.2 [30.48] |
| Width/Dia., in [mm] | 0.6 [15.24] |

Connector 1

| | |
|--------------------------------------|--------------------------|
| Type | TNC Male |
| Inner Conductor Material and Plating | Beryllium Copper, Silver |
| Coupling Nut Material and Plating | Brass, Tri-Metal |
| Hex Size, mm | 14 |
| Torque, in-lbs [Nm] | 6 [0.68] |
| Body Material and Plating | Brass, Tri-Metal |
| Dielectric Type | PTFE |

Connector 2

| | |
|--------------------------------------|--------------------------|
| Type | TNC Female |
| Inner Conductor Material and Plating | Beryllium Copper, Silver |
| Outer Conductor Material and Plating | Brass, Tri-Metal |
| Body Material and Plating | Brass, Tri-Metal |
| Dielectric Type | PTFE |

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: [Low PIM TNC Male to TNC Female Adapter PE91173](#)

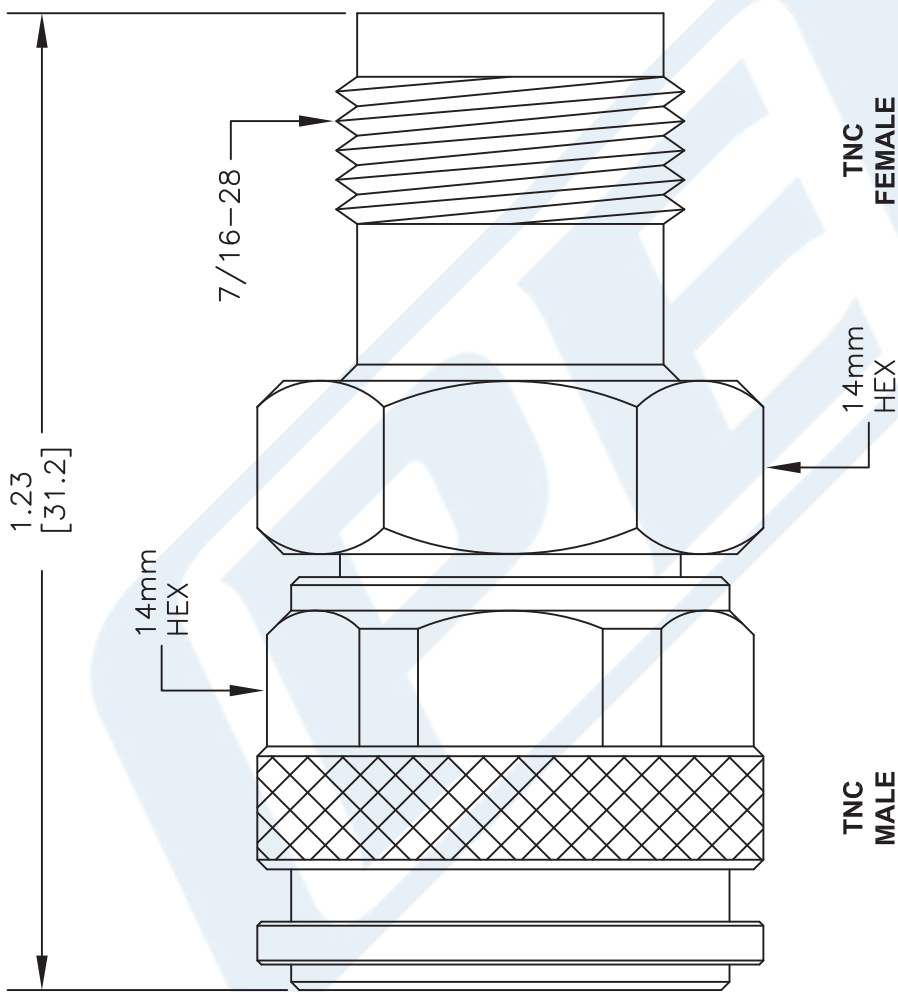
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Notes:

- 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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE91173 CAD Drawing
Low PIM TNC Male to TNC Female Adapter



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

PE91173

FSCM NO. 53919

CAD FILE 022414

SCALE N/A

SIZE A

2233

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