



7/16 DIN Male Low PIM Connector Clamp/Non-Solder Contact Attachment For 1/2" Superflexible, PE-1/2SFHC

TECHNICAL DATA SHEET

PE44732

7/16 DIN Male Connectors

These Pasternack Enterprises' high performance connectors are designed to fit on most commercially available 1/2" superflexible, spiral corrugated copper cables and aluminum cables. These connectors are perfect for applications requiring low PIM levels, with outstanding RF performance and are easy to install in the field.

Features of the new connectors include:

- Tri-metal coating resulting in a very durable surface with good corrosion protection while providing superior electrical conductivity and exceptional PIM performance
- PIM performance of <= -160 dBc. VSWR levels of <= 1.10 up to 3GHz
- Available in 7/16 DIN and Type N series with both male and female interfaces
- · O Rings gaskets provide a reliable long term weather seal
- Designed to fit on most commercially available 1/2" corrugated copper and aluminum cables

Configuration

Connector	7/16 DIN Male	
Connector Interface Type	1/2" Superflexible,PE-1/2SFHC	
Cable Attachment Method (Shield/Contact)	Clamp/Non-Solder Contact	
Connector Design	Low PIM	
Body Style	Straight	

Electrical Specifications

Frequency Range, GHz	DC to 3
Impedance, Ohms	50
Maximum VSWR	1.1:1
Maximum Insertion Loss, dB	0.1
Dielectric Withstanding Voltage, Vrms	3,000
Maximum Passive Intermodulation (2 x 20 Watts), dBc	-160

Mechanical Specifications

Temperature

Operating Range, deg C -40 to +85

Size

Length, in [mm]	2.04 [51.82]
Width/Dia., in [mm]	1.25 [31.75]
Weight, lbs [g]	0.28 [127.01]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 7/16 DIN Male Low PIM Connector Clamp/Non-Solder Contact Attachment For 1/2" Superflexible. PE-1/2SFHC PE44732

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.

ISO 9001 : 2008 Registered





7/16 DIN Male

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Connector

Type
Mating Cycles
Contact Material and Plating
Contact Plating Specification
Outer Conductor Material and Plating
Outer Conductor Plating Specification
Coupling Nut Material and Plating
Coupling Nut Plating Specification
Hex Size, mm
Torque, ft-lbs [Nm]
Body Material and Plating
Body Plating Specification

Spring Copper, Silver 200 [5] µ in. [µm] minimum Brass, Tri-Metal 78 [2] µ in. [µm] minimum Brass, Nickel 200 [5] µ in. [µm] minimum 32 18.417 [24.97] Brass, Tri-Metal 78 [2] µ in. [µm] minimum TPX

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

RoHS Compliant Ye

Plotted and Other Data

Dielectric Type

Notes: Values at 25 °C, sea level

7/16 DIN Male Low PIM Connector Clamp/Non-Solder Contact Attachment For 1/2" Superflexible, PE-1/2SFHC 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.

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URL: http://www.pasternack.com/7-16-male-standard-1-2-inch-super-fexible-pe-12sfhc-connector-pe44732-p.aspx

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PE44732 CAD Drawing

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