

PARTER BARRES

SMA Male to SMA Male Test Cable Using PE-P102 Coax, RoHS

TECHNICAL DATA SHEET

PE370

Configuration

Connector 1 SMA Male
Connector 2 SMA Male
Cable Type PE-P102

Electrical Specifications

Frequency Range DC to 26.5 GHz Impedance 50 Ohms

Maximum VSWR 1.4:1

Velocity of Propagation 76 %

RF Shielding 90 dB

Peak Power 550 Watts

Typical Performance by Frequency

Frequency 1

Frequency 6 GHz VSWR 1.25:1

Insertion Loss, 0.8 dB/ft [2.46 dB/m]

Power Handling, Watts 160

Frequency 2

Frequency 12 GHz VSWR 1.25:1

Insertion Loss 1.08 dB/ft [3.54 dB/m]

Power Handling 110 Watts

Frequency 3

Frequency 18 GHz VSWR 1.25:1

Insertion Loss 1.36 dB/ft [4.46 dB/m]

Power Handling 89 Watts

Frequency 4

Frequency 26.5 GHz VSWR 1.4:1

Insertion Loss 1.67 dB/ft [5.48 dB/m]

Power Handling 73 Watts

Mechanical Specifications

Temperature

Temperature Operating Range -65 to +165 deg C

Size

Diameter 0.35 in [8.89 mm]

Cable Color Gray

One Time Minimum Bend Radius 0.32 in [8.13 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Male Test Cable Using PE-P102 Coax, RoHS PE370





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Repeated Minimum Bend Radius

0.32 in [8.13 mm]

Cable

Cable Type

Inner Conductor Type Cable Inner Conductor

No of Shields

Dielectric Type

Jacket Material

Jacket Diameter

Connector 1

Type

Configuration Inner Conductor Material and Plating

Inner Conductor Plating Specification Coupling Nut Material and Plating

Coupling Nut Plating Specification

Hex Size Torque

Body Material and Plating

Body Plating Specification

Dielectric Type

Connector 2

Type

Configuration

Inner Conductor Material and Plating Inner Conductor Plating Specification

Coupling Nut Material and Plating Coupling Nut Plating Specification

Hex Size

Torque

Body Material and Plating

Body Plating Specification

Dielectric Type

PF-P102

Stranded

Copper, Silver

PTFE

ETFE

0.102 in [2.59 mm]

SMA Male

Straight

Beryllium Copper, Gold

ASTM-B488 50µ In. Minimum

Passivated Stainless Steel

SAE-AMS-2700

5/16 Inch

8 in-lbs [0.9 Nm]

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

RoHS Compliant

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Notes:

• Values at +25 °C, sea level

SMA Male to SMA Male Test Cable Using PE-P102 Coax, RoHS from Pasternack 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.

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URL: http://www.pasternack.com/sma-male-sma-male-pe-p102-cable-assembly-pe370-p.aspx

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.



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PE370 CAD Drawing SMA Male to SMA Male Test Cable Using PE-P102 Coax, RoHS

