

2.4mm Male to 2.4mm Female Cable 60 Inch Length Using RG405 Coax

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# **RF Cable Assemblies Technical Data Sheet**

## Configuration

- Connector 1: 2.4mm Male
- Connector 2: 2.4mm Female
- Cable Type: RG405

## **Electrical Specifications**

| Minimum | Typical | Maximum | Units |
|---------|---------|---------|-------|
| DC      |         | 40      | GHz   |
|         |         | 1.4:1   |       |
|         | DC      | DC      |       |

## Specifications by Frequency

| Description           | F1  | F2  | F3  | F4  | F5   | Units |
|-----------------------|-----|-----|-----|-----|------|-------|
| Frequency             | 2.5 | 5   | 20  | 30  | 40   | GHz   |
| Insertion Loss (Max.) | 1.6 | 2.6 | 6.6 | 8.6 | 10.1 | dB    |

## **Mechanical Specifications**

Cable Assembly Length Diameter

Weight

#### Cable

Cable Type Impedance Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1 60 in [152.4 cm] 0.33 in [8.38 mm] 0.096 lbs [43.54 g]

RG405 50 Ohms Solid Copper Clad Steel, Silver PTFE 1 Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.4mm Male to 2.4mm Female Cable 60 Inch Length Using RG405 Coax PE35654-60

ISO 9001 : 2008 Registered





PE35654-60

# 008 Registered



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## PE35654-60

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#### Connectors

| Description                        | Connector 1                   | Connector 2                   |  |  |
|------------------------------------|-------------------------------|-------------------------------|--|--|
| Туре                               | 2.4mm Male                    | 2.4mm Female                  |  |  |
| Impedance                          | 50 Ohms                       | 50 Ohms                       |  |  |
| Contact Material and Plating       | Beryllium Copper, Gold        | Beryllium Copper, Gold        |  |  |
| Contact Plating Specification      | MIL-G-45204, Type II, Class 1 | MIL-G-45204, Type II, Class 2 |  |  |
| Dielectric Type                    | PPO                           | PPO                           |  |  |
| Coupling Nut Material and Plating  | Passivated Stainless Steel    |                               |  |  |
| Coupling Nut Plating Specification | SAE-AMS-2700                  |                               |  |  |
| Hex Size                           | 5/16 in.                      |                               |  |  |
| Torque                             | 8 in-lbs [0.9 Nm]             |                               |  |  |
| Body Material and Plating          | Passivated Stainless Steel    | Passivated Stainless Steel    |  |  |
| Body Plating Specification         | ASTM B689                     | QQ-P-35                       |  |  |

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

For RoHS Compliant version, use PE35654LF-60. Contact Pasternack if product cannot be found. REACH Compliant 12/19/2011

#### **Plotted and Other Data**

Notes:

• Values at 25°C, sea level.

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How to Order

Example:

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### Part Number Configuration: PE35654 uu - XX Unit of Measure: cm = Centimeters <blank> = Inches Length **Base Number** PE35654-12 = 12 inches long cable PE35654-100cm = 100 cm long cable 2.4mm Male to 2.4mm Female Cable 60 Inch Length Using RG405 Coax 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/2.4mm-male-2.4mm-female-rg405u-cable-assembly-pe35654-60-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.



PE35654-60

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PE35654-60 CAD Drawing 2.4mm Male to 2.4mm Female Cable 60 Inch Length Using RG405 Coax

