



1.85mm Male to 1.85mm Male Cable
 48 Inch Length Using RG405 Coax

RF Cable Assemblies Technical Data Sheet

PE36523-48

Configuration

- Connector 1: 1.85mm Male
- Connector 2: 1.85mm Male
- Cable Type: RG405

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC | | 40 | GHz |
| VSWR | | | 1.4:1 | |

Specifications by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|--------------------|-------|--------|--------|--------|--------|-------|
| Frequency | 2.5 | 5 | 20 | 30 | 40 | GHz |
| VSWR (Max.) | 1.4:1 | 1.4:1 | 1.4:1 | 1.4:1 | 1.4:1 | |
| Return Loss (Max.) | 15.56 | 15.563 | 15.563 | 15.563 | 15.563 | dB |

Mechanical Specifications

Cable Assembly

| | |
|----------|---------------------|
| Length | 48 in [121.92 cm] |
| Diameter | 0.312 in [7.92 mm] |
| Weight | 0.031 lbs [14.06 g] |

Cable

| | |
|--------------------------------------|---------------------------|
| Cable Type | RG405 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Copper |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.85mm Male to 1.85mm Male Cable 48 Inch Length Using RG405 Coax PE36523-48](#)





1.85mm Male to 1.85mm Male Cable
 48 Inch Length Using RG405 Coax

RF Cable Assemblies Technical Data Sheet

PE36523-48

Connectors

| Description | Connector 1 | Connector 2 |
|-----------------------------------|-------------------------------|-------------------------------|
| Type | 1.85mm Male | 1.85mm Male |
| 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 1 |
| Coupling Nut Material and Plating | Passivated Stainless Steel | Passivated Stainless Steel |
| Hex Size | 5/16 in. | 5/16 in. |
| Torque | 8 in-lbs [0.9 Nm] | 8 in-lbs [0.9 Nm] |
| Body Material and Plating | Stainless Steel, Gold | Stainless Steel, Gold |
| Body Plating Specification | MIL-G-45204, Type II, Class 1 | MIL-G-45204, Type II, Class 1 |

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

For RoHS Compliant version, use PE36523LF-48. Contact Pasternack if product cannot be found.
 REACH Compliant 12/19/2011

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.85mm Male to 1.85mm Male Cable 48 Inch Length Using RG405 Coax PE36523-48](#)



1.85mm Male to 1.85mm Male Cable
48 Inch Length Using RG405 Coax

RF Cable Assemblies Technical Data Sheet

PE36523-48

How to Order

Part Number Configuration:

PE36523

- xx

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE36523-12 = 12 inches long cable
PE36523-100cm = 100 cm long cable

1.85mm Male to 1.85mm Male Cable 48 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.

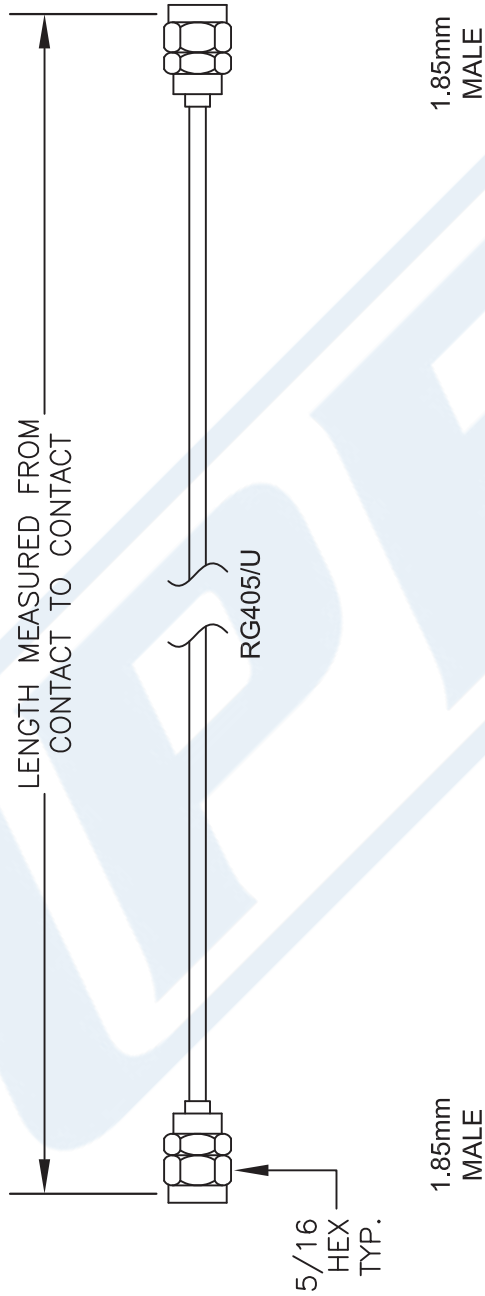
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.85mm Male to 1.85mm Male Cable 48 Inch Length Using RG405 Coax PE36523-48](http://www.pasternack.com/1.85mm-male-1.85mm-male-rg405u-cable-assembly-pe36523-48-p.aspx)

URL: <http://www.pasternack.com/1.85mm-male-1.85mm-male-rg405u-cable-assembly-pe36523-48-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.

PE36523-48 CAD Drawing

1.85mm Male to 1.85mm Male Cable 48 Inch Length Using RG405 Coax



- 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).
 4. LENGTH TOLERANCE IS $\pm 1.5\%$ OR $3/8"$, WHICHEVER IS GREATER.

DWG TITLE
PE36523

FSCM NO. 53919

CAD FILE 102015

SCALE N/A

SIZE A

2233

(PE) PASTERNAK®
 THE ENGINEER'S RF SOURCE
 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com