2.4mm Male to 2.4mm Female Cable 48 Inch Length Using RG405 Coax, RoHS

RF Cable Assemblies Technical Data Sheet   PE35654LF-48

Configuration

- Connector 1: 2.4mm Male
- Connector 2: 2.4mm Female
- 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
Insertion Loss (Max.)	1.3	2.1	5.3	6.9	8.1	dB

Mechanical Specifications

Cable Assembly

Length	48 in [121.92 cm]
Diameter	0.33 in [8.38 mm]
Weight	0.081 lbs [36.74 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: 2.4mm Male to 2.4mm Female Cable 48 Inch Length Using RG405 Coax, RoHS PE35654LF-48

2.4mm Male to 2.4mm Female Cable 48 Inch
Length Using RG405 Coax, RoHS

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Connectors

Description	Connector 1	Connector 2
Type	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)
RoHS Compliant   Yes
REACH Compliant   12/19/2011

Plotted and Other Data
Notes:
• Values at 25°C, sea level.

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PE35654LF-48

2.4mm Male to 2.4mm Female Cable 48 Inch Length Using RG405 Coax, RoHS

RF Cable Assemblies Technical Data Sheet — PE35654LF-48

How to Order

Part Number Configuration:

PE35654LF - xx uu

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

Example: PE35654LF-12 = 12 inches long cable
             PE35654LF-100cm = 100 cm long cable

2.4mm Male to 2.4mm Female Cable 48 Inch Length Using RG405 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.
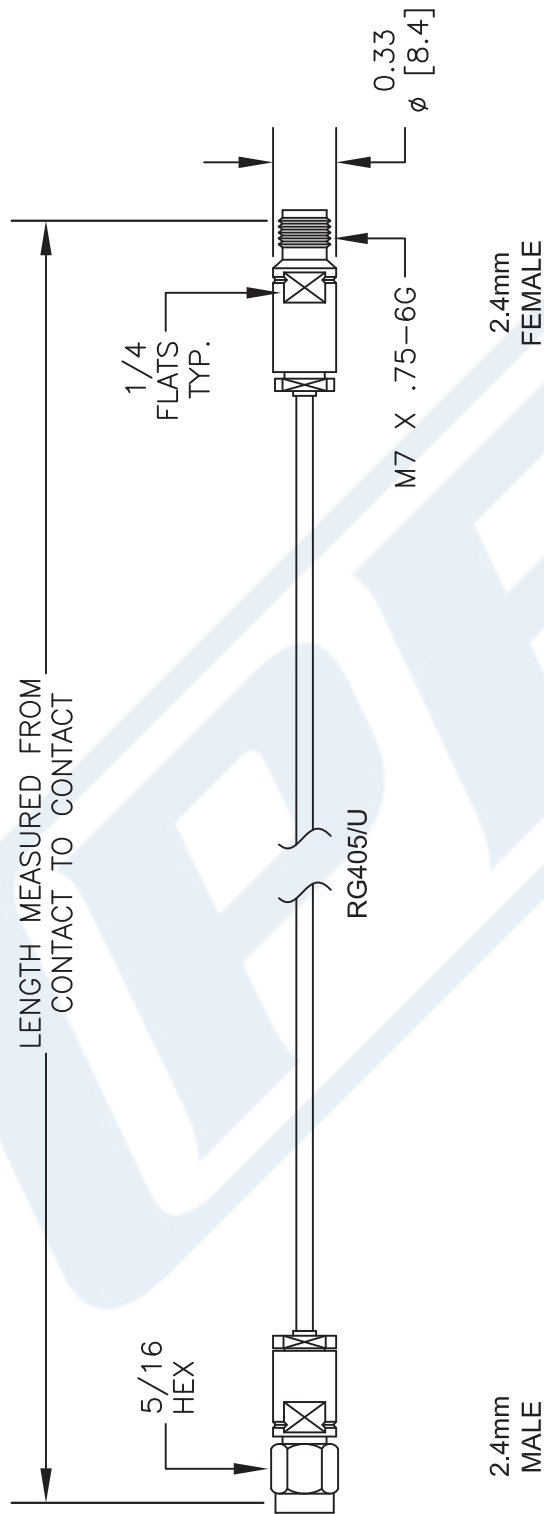
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.4mm Male to 2.4mm Female Cable 48 Inch Length Using RG405 Coax, RoHS PE35654LF-48

URL: http://www.pasternack.com/2.4mm-male-2.4mm-female-rg405u-cable-assembly-pe35654lf-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.

PE35654LF-48 CAD Drawing

2.4mm Male to 2.4mm Female Cable 48 Inch Length Using RG405 Coax, RoHS

ø 0.33 [8.4]

1/4 FLATS TYP.

M7 X .75—6G

2.4mm FEMALE

LENGTH MEASURED FROM CONTACT TO CONTACT

RG405/U

5/16 HEX

2.4mm MALE

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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

CAD FILE 040816

SCALE N/A

SIZE A

2233