



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

RF Cable Assemblies Technical Data Sheet

PE35654-60

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.)	1.6	2.6	6.6	8.6	10.1	dB

Mechanical Specifications

Cable Assembly

Length	60 in [152.4 cm]
Diameter	0.33 in [8.38 mm]
Weight	0.096 lbs [43.54 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 60 Inch Length Using RG405 Coax PE35654-60](#)



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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)

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

Plotted and Other Data

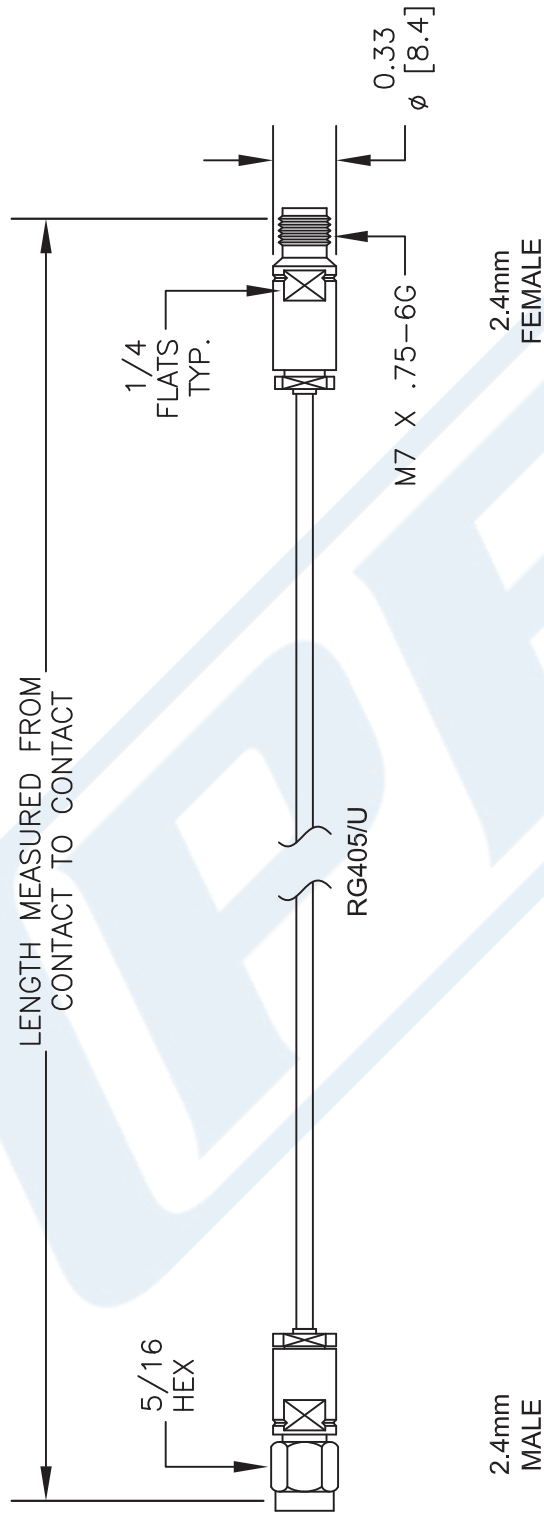
Notes:

- Values at 25°C, sea level.

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](#)

PE35654-60 CAD Drawing

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



DWG TITLE

PE35654

- 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.

FSCM NO. 53919

CAD FILE 040816

SCALE N/A

SIZE A

2233



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