



SC Male to SC Male Cable Using RG141 Coax

RF Cable Assemblies Technical Data Sheet

PE34439

Configuration

- Connector 1: SC Male
- Connector 2: SC Male
- Cable Type: RG141

Features

- PTFE (FG) Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE34439 SC male to SC male cable using RG141 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack SC to SC cable assembly has a male to male gender configuration with 50 ohm flexible RG141 coax.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|--------------|---------|--------------|---------|--------------|
| Capacitance | | 29.4 [96.46] | | pF/ft [pF/m] |
| Jacket Spark | | | 2,000 | Vrms |

Mechanical Specifications

Cable Assembly

Diameter 0.8 in [20.32 mm]

Weight 0.173 lbs [78.47 g]

Cable

Cable Type RG141
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 Silver Plated Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male to SC Male Cable Using RG141 Coax PE34439](#)



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Jacket Material
Jacket Diameter

PTFE (FG), Beige
0.19 in [4.83 mm]

Connectors

| Description | Connector 1 | Connector 2 |
|-------------------------------|---------------|---------------|
| Type | SC Male | SC Male |
| Specification | MIL-C-39012 | MIL-C-39012 |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Silver | Silver |
| Contact Plating Specification | QQ-S-365 | QQ-S-365 |
| Dielectric Type | Teflon | Teflon |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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How to Order

Part Number Configuration:

PE34439

- xx

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

Example: PE34439-12 = 12 inches long cable
PE34439-100cm = 100 cm long cable

SC Male to SC Male Cable Using RG141 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

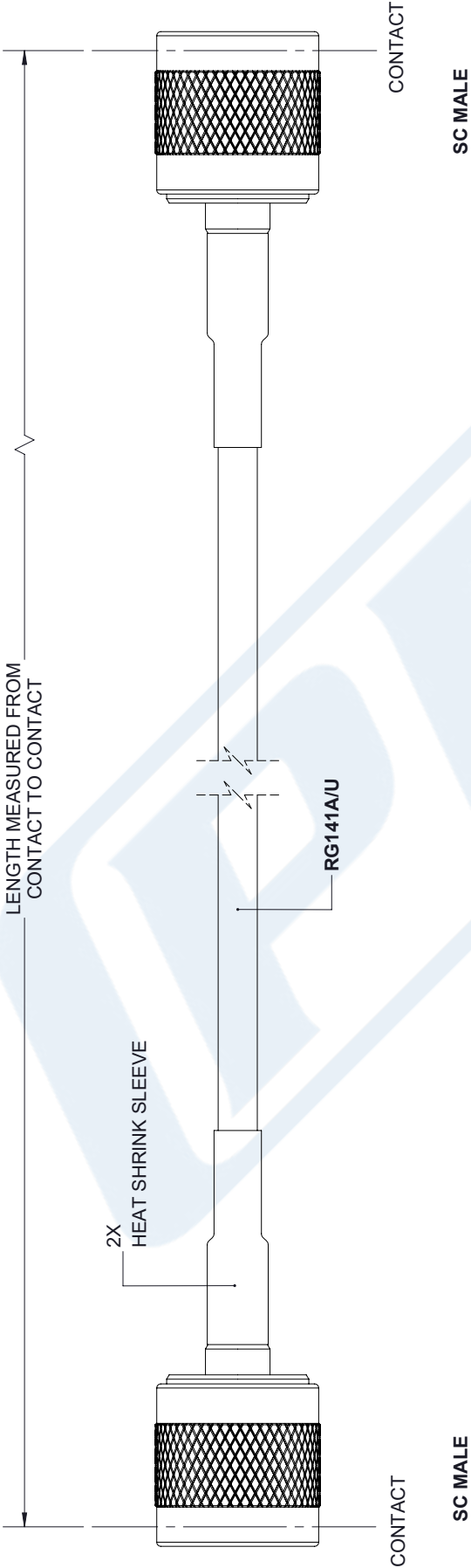
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male to SC Male Cable Using RG141 Coax PE34439](#)

URL: <https://www.pasternack.com/sc-male-sc-male-rg141au-cable-assembly-pe34439-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.

PE34439 CAD Drawing
SC Male to SC Male Cable Using RG141 Coax

| REVISIONS | | | |
|-----------|-----------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 07/23/19 | SELLIS |



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| UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS | |
| TOLERANCES: | FRACTIONS |
| X±.2 [5.08] | ±.132 |
| .XX±.01 [.25] | ±.13 |
| .XXX±.005 [.13] | ANGLES ± 1° |
| ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. | |
| THIRD-ANGLE PROJECTION | |

| | |
|---|---------|
| PE PASTERNAK an INFINITO brand | |
| Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com e-mail: sales@pasternack.com | |
| SIZE | A |
| CAGE | 53919 |
| DRAWN BY | K.DANG |
| PART NUMBER | PE34439 |
| REV | A |

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| SHEET | 1 OF 1 |
| SCALE | N/A |

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