



## 75 Ohm 141 Semi-rigid Coax Cable with Copper Outer Conductor

### RF Cables Technical Data Sheet

**PE-SR402-75-BULK**

#### Configuration

- Semi-Rigid Cable
- 1 Shield(s)

#### Electrical Specifications

| Description            | Minimum | Typical | Maximum | Units |
|------------------------|---------|---------|---------|-------|
| Frequency Range        | DC      |         | 36      | GHz   |
| Impedance              |         | 75      |         | Ohms  |
| Operating Voltage (AC) |         |         | 3,500   | Vrms  |

#### Performance by Frequency Band

| Description           | F1    | F2     | F3     | F4 | F5 | Units    |
|-----------------------|-------|--------|--------|----|----|----------|
| Frequency             | 1     | 10     | 20     |    |    | GHz      |
| Attenuation, Typ      | 12.5  | 51     | 78     |    |    | dB/100ft |
|                       | 41.01 | 167.32 | 255.91 |    |    | dB/100m  |
| Input Power (CW), Max | 280   | 60     | 39     |    |    | Watts    |

#### Mechanical Specifications

Min. Bend Radius (Installation)

0.1 in [2.54 mm]

#### Construction Specifications

| Description     | Material and Plating                | Diameter          |
|-----------------|-------------------------------------|-------------------|
| Inner Conductor | Copper Clad Steel, Silver, 1 Strand | 0.02 in [0.51 mm] |
| Conductor Type  | Solid                               |                   |
| Dielectric      | PTFE                                | 0.118 in [3 mm]   |
| First Shield    | Copper                              | [ ]               |
| Jacket          | Tan                                 | [ ]               |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm 141 Semi-rigid Coax Cable with Copper Outer Conductor PE-SR402-75-BULK](#)



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#### Environmental Specifications

##### Temperature

Operating Range

-55 to +200 deg C

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

#### Plotted and Other Data

Notes:

75 Ohm 141 Semi-rigid Coax Cable with Copper Outer Conductor 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.

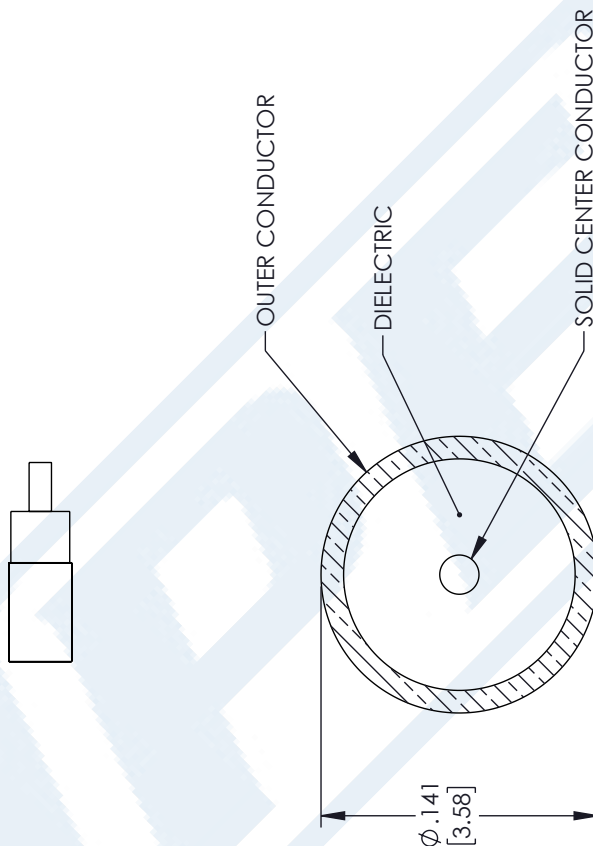
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm 141 Semi-rigid Coax Cable with Copper Outer Conductor PE-SR402-75-BULK](#)

URL: <https://www.pasternack.com/semirigid-0.141-75-ohm-coax-cable-copper-pe-sr402-75-bulk-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.

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| REVISIONS |                 |            |          |
|-----------|-----------------|------------|----------|
| REV.      | DESCRIPTION     | DATE       | APPROVED |
| A         | INITIAL RELEASE | 03/07/2022 | AGANWANI |



UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

| TOLERANCES:       |        | FRACTIONS  | ANGLES $\pm 1^\circ$ |
|-------------------|--------|------------|----------------------|
| .X = $\pm .2$     | [.508] |            |                      |
| .XX = $\pm .02$   | [.51]  | $\pm 1/32$ |                      |
| .XXX = $\pm .005$ | [.13]  |            |                      |

CABLE LENGTH (L) TOLERANCES:

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE  
N/A

**PE PASTERNAK**  
an INFINITE brand

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| SIZE | CAGE CODE | DRAWN BY | ITEM NO. |
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