



TNC Male Connector Solder Attachment For PE-SR401AL, PE-SR401FL, RG401

TECHNICAL DATA SHEET

PE4909

TNC Male Connector Solder Attachment For PE-SR401AL, PE-SR401FL, RG401

Configuration

Connector	TNC Male
Connector Specification	MIL-C-39012
Connector Interface Type	PE-SR401AL, PE-SR401FL, RG401
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	0.9 [22.86]
Width/Dia., in [mm]	0.59 [14.99]
Weight, lbs [g]	0.034 [15.42]

Connector

Type	TNC Male
Contact Material and Plating	Gold
Contact Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Brass, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	Teflon

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Connector Solder Attachment For PE-SR401AL, PE-SR401FL, RG401 PE4909](#)

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.



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Plotted and Other Data

Notes:

Values at 25 °C, sea level

TNC Male Connector Solder Attachment For PE-SR401AL, PE-SR401FL, RG401 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

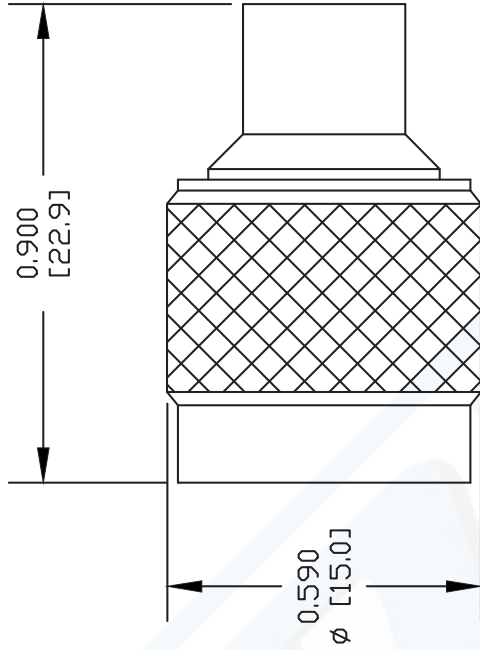
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Connector Solder Attachment For PE-SR401AL, PE-SR401FL, RG401 PE4909](http://www.pasternack.com/tnc-male-standard-pe-sr401al-pe-sr401fl-rg401-connector-pe4909-p.aspx)

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PE4909 CAD Drawing

TNC Male Connector Solder Attachment For PE-SR401AL, PE-SR401FL, RG401



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.

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. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE

PE4909

FSCM NO. 53919

CAD FILE

062402

SCALE N/A

SIZE A

XXXX



PASTERNAK®
 Pasternack Enterprises, Inc.
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Phone: (949) 261-1920 | **Fax:** (949) 261-7451
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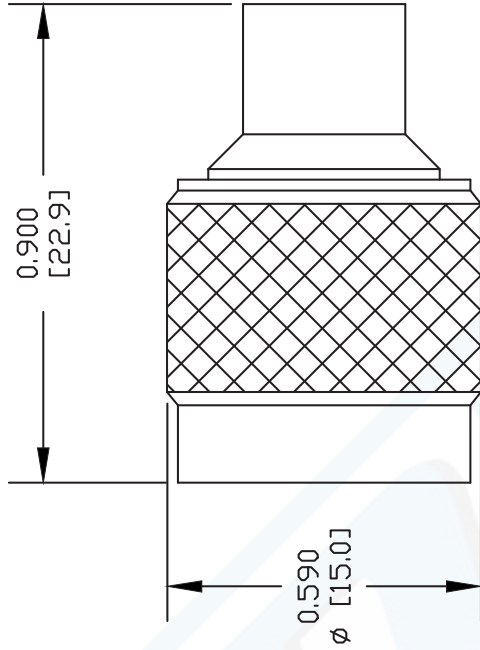
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RG401 Coax Cable with Copper

TECHNICAL DATA SHEET

RG401/U

RG401 Coax Cable with Copper

Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Shield Materials	Copper
Jacket Material and Color	Tan

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69.5
Maximum Operating Frequency, GHz	20
Capacitance, pF/ft [pF/m]	29.6 [97.11]
Maximum Operating Voltage, Volts	3,000
Dielectric Withstanding Voltage, Vrms	7,500

Electrical Specifications by Frequency Frequency 1

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	7.5 [24.61]
Power Handling, KWatts	1,400

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	33 [108.27]
Power Handling, Watts	350

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	48 [157.48]
Power Handling, Watts	200

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +125
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Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.064 [1.63]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RG401 Coax Cable with Copper RG401/U](#)

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RG401 Coax Cable with Copper

TECHNICAL DATA SHEET

RG401/U

Dielectric:

Type	PTFE
Diameter, in [mm]	0.209 [5.31]

Shield:

Number of	1
Material 1	Copper
Diameter, in [mm]	0.25 [6.35]

Jacket:

Color	Tan
One Time Minimum Bend Radius, in [mm]	0.25 [6.35]
Weight, lbs/ft [Kg/m]	0.105 [0.16]

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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RG401 Coax Cable with Copper from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: [RG401 Coax Cable with Copper RG401/U](#)

URL: <http://www.pasternack.com/semirigid-0.250-rg401-50-ohm-coax-cable-copper-rg401-u-p.aspx>

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PASTERNAK ENTERPRISES RG401/U

IMPEDANCE: 50 OHMS
INNER CONDUCTOR DIAMETER: .0641"
INNER CONDUCTOR MATERIAL: SILVER COVERED COPPER
DIELECTRIC DIAMETER: .209"
DIELECTRIC MATERIAL: SOLID POLYTETRAFLUOROETHYLENE
OUTER DIAMETER: .250"
OUTER SHIELD: BARE COPPER TUBE
OPERATING TEMPERATURE: - 55° TO + 150° C
MAX OPERATING VOLTAGE (VOLTS RMS): 3,000

NOMINAL ATTENUATION (PER 100 FEET)

1 GHz	7.5 dB
10 GHz	33.0 dB
20 GHz	48.00 dB

MAXIMUM POWER HANDLING (AVERAGE POWER IN WATTS)

1 GHz	1,400
10 GHz	350
20 GHz	200



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DWG TITLE

RG401/U

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REV. B

FSCM NO. 53919

CAD FILE 070512

SCALE N/A

SIZE A

2233