

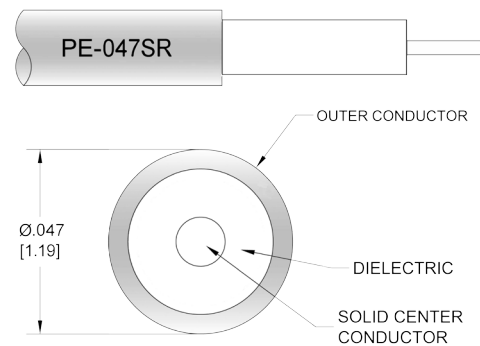
SMA Female 2 Hole Flange to Trimmed Lead Cable Using PE-047SR Coax



PE3C5214

Configuration

- Connector 1: SMA Female 2 Hole Flange
- Connector 2: Trimmed Lead
- Cable Type: PE-047SR
- Coax Flex Type: Semi-Rigid



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C5214 50 ohm SMA female 2 hole flange to trimmed lead cable using PE-047SR coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. Our RF cable assembly with SMA 2 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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.

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.009 lbs [4.08 g]

Cable

Cable Type	PE-047SR
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor 1 Material and Plating	Copper
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

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Connectors

Description	Connector 1	Connector 2
Type	SMA Female 2 Hole Flange	Trimmed Lead
Specification	MIL-STD-348	
Impedance	50 Ohms	0 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold over Nickel	
Contact Plating Specification	MIL-G-45204	
Dielectric Type	PTFE	
Outer Conductor Material and Plating	Stainless Steel, Gold	
Outer Conductor Plating Specification	MIL-G-45204	
Body Material and Plating	Stainless Steel, Gold over Nickel	
Body Plating Specification	MIL-G-45204	

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3C5214

Typical Performance Data

How to Order

Part Number Configuration:

PE3C5214

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C5214-12 = 12 inches long cable
PE3C5214-100cm = 100 cm long cable

SMA Female 2 Hole Flange to Trimmed Lead Cable Using PE-047SR 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.

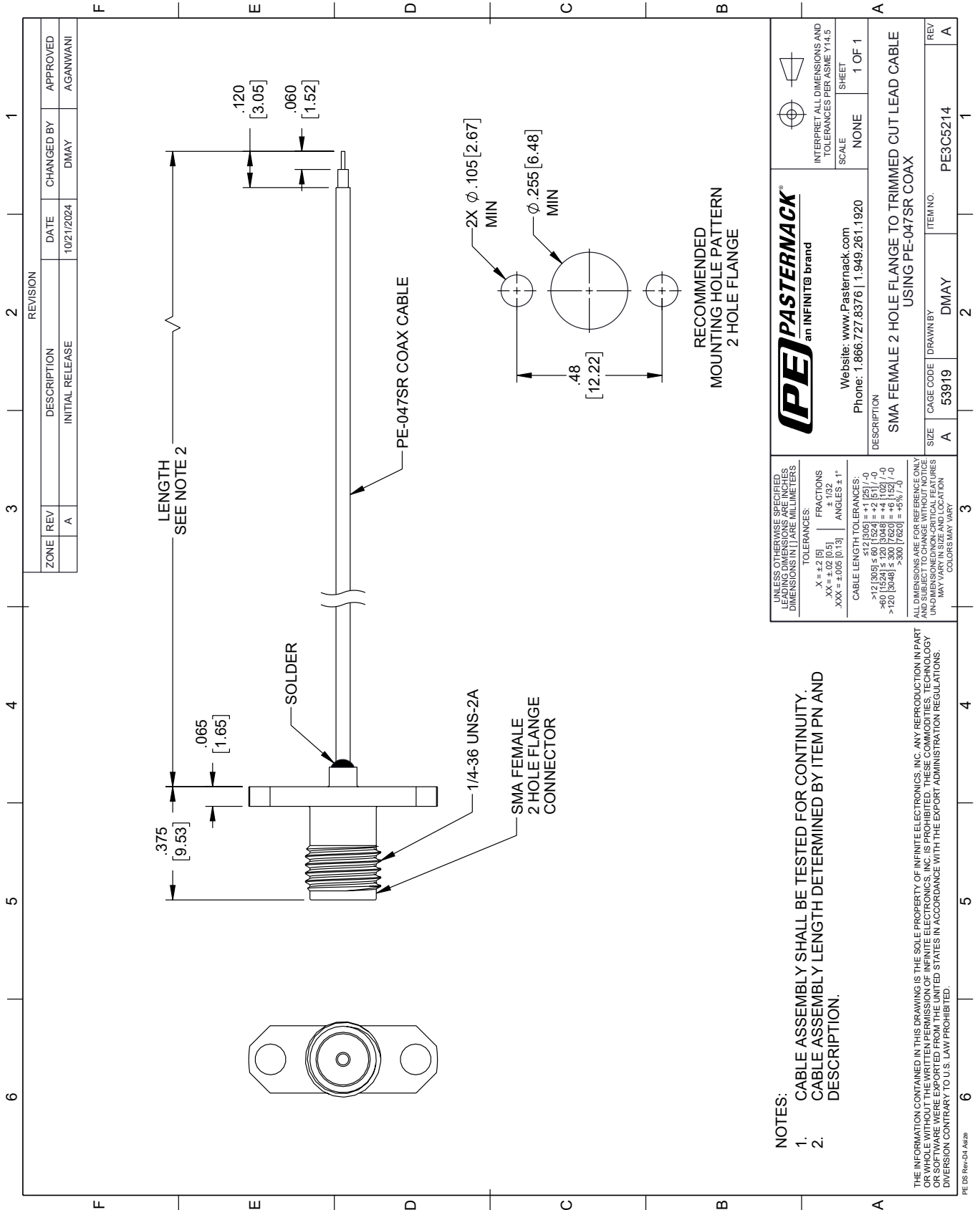
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female 2 Hole Flange to Trimmed Lead Cable Using PE-047SR Coax PE3C5214](#)

URL: <https://www.pasternack.com/sma-female-2-hole-flange-to-trimmed-lead-cable-using-pe-047sr-pe3c5214-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3C5214 CAD Drawing

SMA Female 2 Hole Flange to Trimmed Lead Cable Using PE-047SR Coax



NOTES:

- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:
 .X = ±.2 [5]
 .XX = ±.02 [0.5]
 .XXX = ±.005 [0.13]

FRACTIONS:
 ± 1/32
 ANGLES ± 1°

CABLE LENGTH TOLERANCES:
 <12 [305] ±.60 [15.24] = ±.2 [5] / -0
 >12 [305] ≤ 60 [1524] = ±.4 [10.2] / -0
 >60 [1524] ≤ 120 [3048] = ±.4 [10.2] / -0
 >120 [3048] ≤ 300 [7620] = ±.6 [15.24] / -0
 >300 [7620] = ±.8 [20.32] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [] ARE MILLIMETERS. UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [] ARE MILLIMETERS. UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [] ARE MILLIMETERS. UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [] ARE MILLIMETERS.

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Website: www.Pasternack.com
 Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE
 SHEET: 1 OF 1

DESCRIPTION: SMA FEMALE 2 HOLE FLANGE TO TRIMMED CUT LEAD CABLE USING PE-047SR COAX

SIZE: A
 CAGE CODE: 53919
 DRAWN BY: DMAY
 ITEM NO.: PE3C5214

REV: A