

75 Ohm SMB Positive Snap Plug to
75 Ohm SMB Positive Snap Plug Cable Using
75 Ohm RG187 Coax, LF Solder



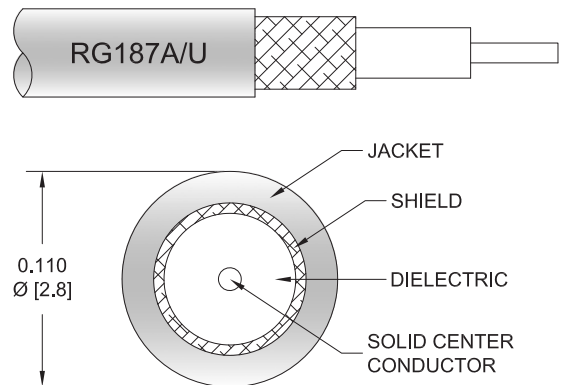
PE3W08428LF

Configuration

- Connector 1: SMB Positive Snap Plug
- Connector 2: SMB Positive Snap Plug
- Cable Type: RG187
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W08428LF 75 ohm SMB Positive Snap plug to 75 ohm SMB Positive Snap plug cable using 75 ohm RG187 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 SMB Positive Snap to SMB Positive Snap cable assembly has a plug to plug gender configuration with 75 ohm flexible RG187 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
Velocity of Propagation		70		%
Capacitance		19.5 [63.98]		pF/ft [pF/m]
DC Resistance Inner Conductor		245 [803.81]		Ohms/1000ft [Ohms/Km]

Mechanical Specifications

Cable Assembly

Width/Diameter 0.5 in [12.7 mm]
Weight 0.044 lbs [19.96 g]

Cable

Cable Type RG187
Impedance 75 Ohms
Inner Conductor Type Stranded

75 Ohm SMB Positive Snap Plug to
75 Ohm SMB Positive Snap Plug Cable Using
75 Ohm RG187 Coax, LF Solder



PE3W08428LF

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.102 in [2.59 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMB Positive Snap Plug	SMB Positive Snap Plug
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel

Environmental Specifications

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

Plotted and Other Data

Notes:

75 Ohm SMB Positive Snap Plug to
75 Ohm SMB Positive Snap Plug Cable Using
75 Ohm RG187 Coax, LF Solder



PE3W08428LF

Typical Performance Data

How to Order

Part Number Configuration:

PE3W08428LF - xx uu

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3W08428LF-12 = 12 inches long cable
PE3W08428LF-100cm = 100 cm long cable

75 Ohm SMB Positive Snap Plug to 75 Ohm SMB Positive Snap Plug Cable Using 75 Ohm RG187 Coax, LF Solder 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.

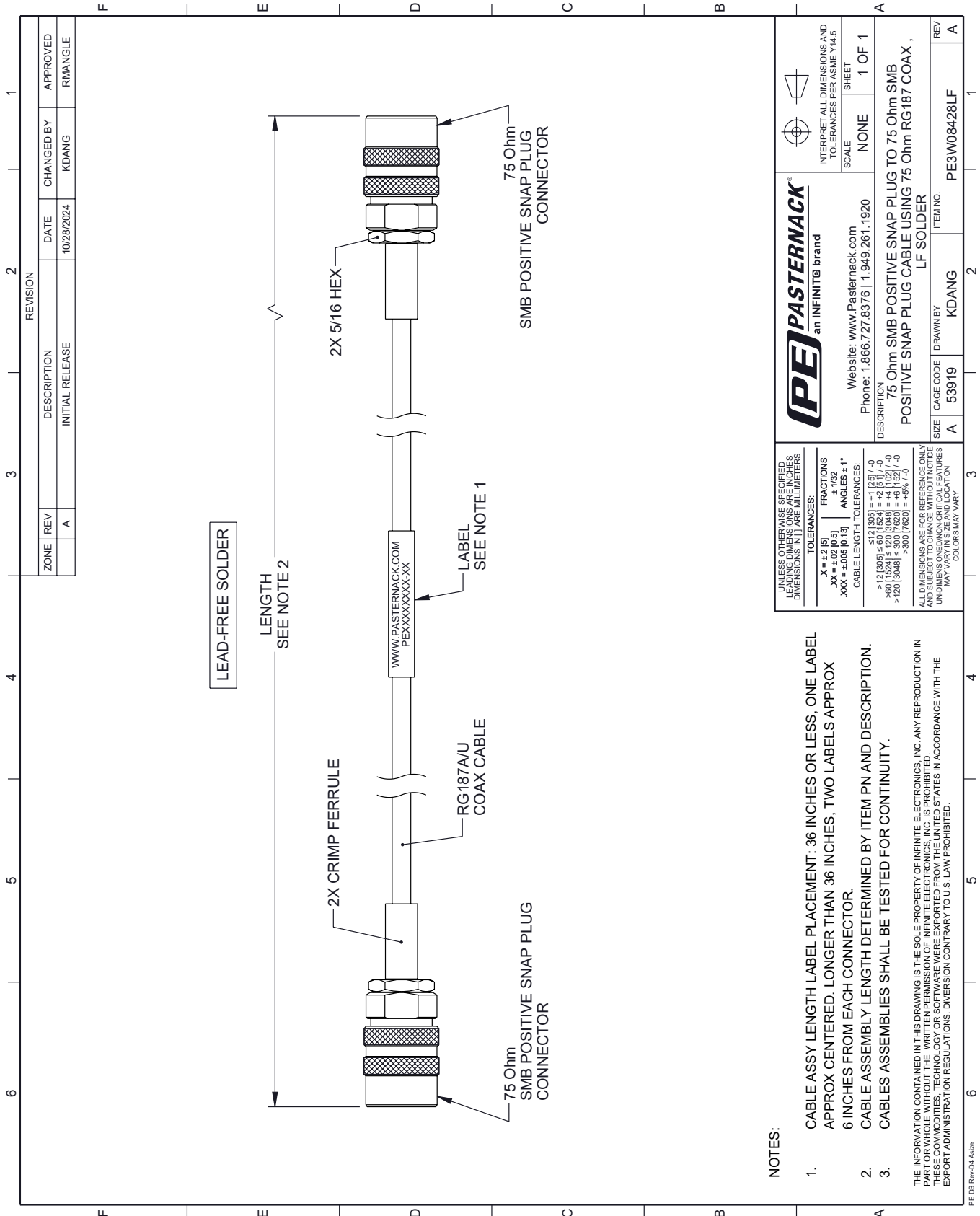
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMB Positive Snap Plug to 75 Ohm SMB Positive Snap Plug Cable Using 75 Ohm RG187 Coax, LF Solder PE3W08428LF](#)

URL: <https://www.pasternack.com/75-ohm-smb-positive-snap-plug-to-75-ohm-smb-positive-snap-plug-cable-using-rg187-lf-solder-pe3w08428lf-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.

PE3W08428LF CAD Drawing

75 Ohm SMB Positive Snap Plug to 75 Ohm SMB Positive Snap Plug Cable Using 75 Ohm RG187 Coax, LF Solder



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV			
	A	10/28/2024	KDANG	RMANGLE
DESCRIPTION				
INITIAL RELEASE				

PE PASTERNAK
an INFINITB brand

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
75 Ohm SMB POSITIVE SNAP PLUG TO 75 Ohm SMB POSITIVE SNAP PLUG CABLE USING 75 Ohm RG187 COAX, LF SOLDER

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES 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 [1524] = ±.2 [51] / -0
 > 12 [305] ≤ 60 [1524] = ±.4 [1027] / -0
 > 60 [1524] ≤ 120 [3048] = ±.4 [1027] / -0
 > 120 [3048] ≤ 300 [7620] = ±.6 [152] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED. DIMENSIONS MAY VARY IN SIZE AND LOCATION COLORS MAY VARY

ITEM NO. PE3W08428LF

REV A

- NOTES:**
- CABLE ASSY LENGTH LABEL PLACEMENT: .36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN .36 INCHES, TWO LABELS APPROX .6 INCHES FROM EACH CONNECTOR.
 - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
 - THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.