

UHF Male to Straight Cut Lead Cable Using RG8 Coax

RF Cable Assemblies Technical Data Sheet**PE3C9459****Configuration**

- Connector 1: UHF Male
- Connector 2: Straight Cut Lead
- Cable Type: RG8

Features

- 66% Phase Velocity
- PVC (NC) Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C9459 50 ohm UHF male to straight cut lead cable using RG8 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.

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		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications**Cable Assembly**

Weight 0.076 lbs [34.47 g]

Cable

Cable Type	RG8
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Copper Braid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male to Straight Cut Lead Cable Using RG8 Coax PE3C9459](#)

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RF Cable Assemblies Technical Data Sheet**PE3C9459**Jacket Material
Jacket DiameterPVC (NC), Black
0.405 in [10.29 mm]**Connectors**

Description	Connector 1	Connector 2
Type	UHF Male	Straight Cut Lead
Impedance	50 Ohms	0 Ohms
Contact Material and Plating	Brass, Gold	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	
Coupling Nut Material and Plating	Brass, Nickel	

Compliance Certifications (see [product page](#) for current document)**Plotted and Other Data**

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male to Straight Cut Lead Cable Using RG8 Coax PE3C9459](#)

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RF Cable Assemblies Technical Data Sheet**PE3C9459****How to Order**

Part Number Configuration:

PE3C9459**- xx****uu**

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

Example: PE3C9459-12 = 12 inches long cable
PE3C9459-100cm = 100 cm long cable

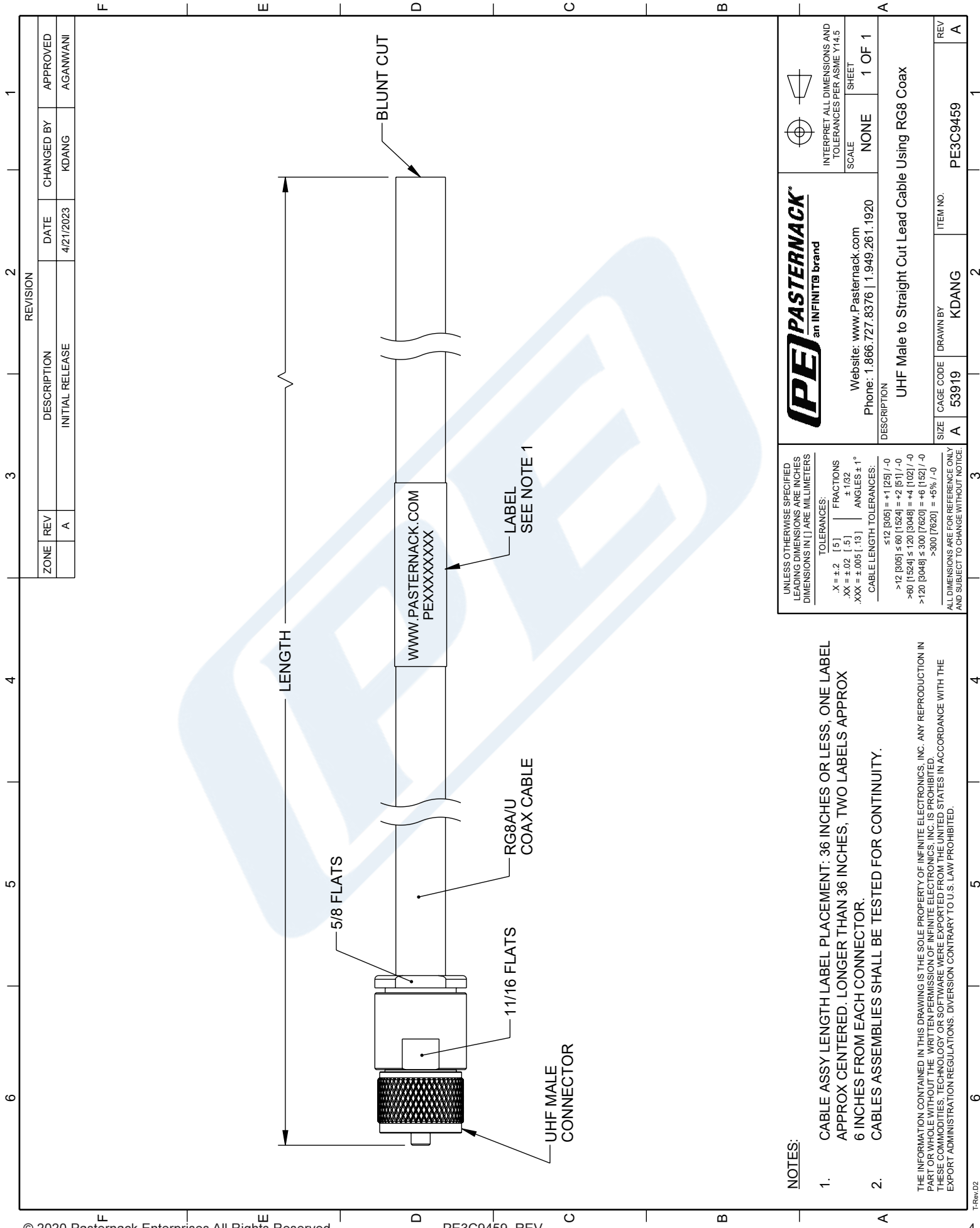
UHF Male to Straight Cut Lead Cable Using RG8 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male to Straight Cut Lead Cable Using RG8 Coax PE3C9459](https://www.pasternack.com/uhf-male-to-straight-cut-lead-cable-using-rg8-pe3c9459-p.aspx)

URL: <https://www.pasternack.com/uhf-male-to-straight-cut-lead-cable-using-rg8-pe3c9459-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.

PE3C9459 CAD Drawing
UHF Male to Straight Cut Lead Cable Using RG8 Coax



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.
- CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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

TOLERANCES:
X = ±.2 [5] FRACTIONS
.XX = ±.02 [.5] ±.1/32
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = ±.1 [25] / -0
>12 [305] ≤ 60 [1524] = ±.2 [51] / -0
>60 [1524] ≤ 120 [3048] = ±.4 [102] / -0
>120 [3048] ≤ 300 [7620] = ±.6 [152] / -0
>300 [7620] = ±.5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.

INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION
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SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	KDANG	PE3C9459	A