



HN Male Right Angle to HN Female Cable
100 cm Length Using RG213 Coax

RF Cable Assemblies Technical Data Sheet

PE3W05081-100CM

Configuration

- Connector 1: HN Male Right Angle
- Connector 2: HN Female
- Cable Type: RG213

Features

- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W05081-100CM HN male right angle to HN female 100 cm cable using RG213 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 HN to HN cable assembly has a male to female gender configuration with 50 ohm flexible RG213 coax. The right angle HN interface on the RG213 cable allows for easier connections in tight spaces.

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

Length*	39.37 in [100 cm]
Diameter	0.866 in [22 mm]

Cable

Cable Type	RG213
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
Jacket Material	PVC, Black
Jacket Diameter	0.405 in [10.29 mm]
Repeated Minimum Bend Radius	1.6 in [40.64 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Right Angle to HN Female Cable 100 cm Length Using RG213 Coax PE3W05081-100CM](#)



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Connectors

Description	Connector 1	Connector 2
Type	HN Male Right Angle	HN Female
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	100 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100 µin minimum	

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

Environmental Specifications

Temperature

Operating Range

-25 to +70 deg C

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W05081

- **xx**

uu

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

Example: PE3W05081-12 = 12 inches long cable
PE3W05081-100cm = 100 cm long cable

HN Male Right Angle to HN Female Cable 100 cm Length Using RG213 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: [HN Male Right Angle to HN Female Cable 100 cm Length Using RG213 Coax PE3W05081-100CM](https://www.pasternack.com/hn-male-hn-female-rg213u-cable-assembly-pe3w05081-100cm-p.aspx)

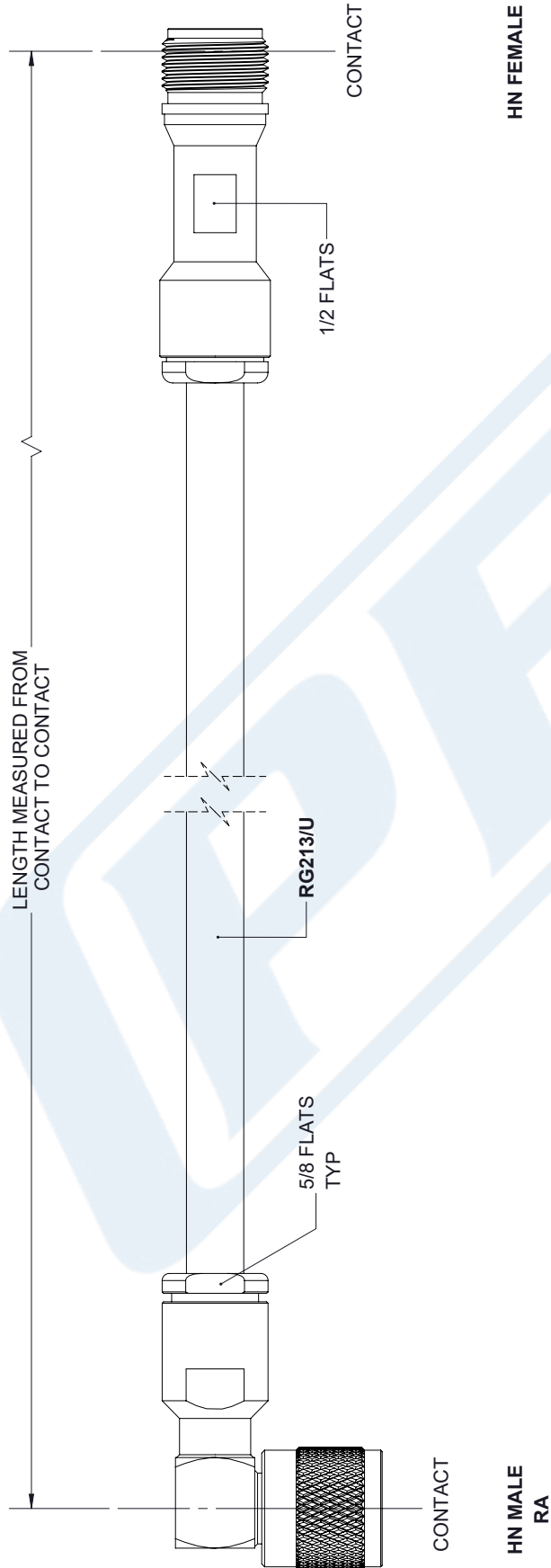
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PE3W05081-100CM CAD Drawing

HN Male Right Angle to HN Female Cable 100 cm Length Using RG213 Coax

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/23/19	SELLIS



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