



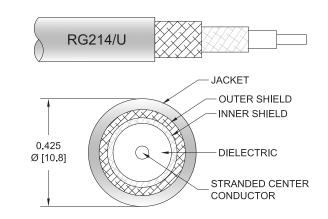
PE3062/HS

Configuration

Connector 1: N MaleConnector 2: N MaleCable Type: RG214Coax Flex Type: Flexible

Features

- Max Frequency 11 GHz
- · 66% Phase Velocity
- · Double Shielded
- PVC Jacket



Applications

· General Purpose

· Laboratory Use

Description

Pasternack's PE3062/HS type N male to type N male cable using RG214 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 type N to type N cable assembly has a male to male gender configuration with 50 ohm flexible RG214 coax. The PE3062/HS type N male to type N male cable assembly operates to 11 GHz. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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
Frequency Range	DC		11	GHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]
Operating Voltage (AC)			1,000	Vrms

Specifications by Frequency





PE3062/HS

Part Number	Length	Description	F1	F2	F3	F4	F5	Units	Weight (lbs)
		Frequency	500	1000	2500	5000	10000	MHz	
PE3062/HS	Custom Lengths	Insertion Loss (Typ.)	0.046	0.077	0.126	0.207	0.365	dB/ft	
PE3002/H3	Available		0.15	0.26	0.42	0.68	1.2	dB/m	
PE3062/HS-12	12 inch	Insertion Loss (Typ.)	0.25	0.28	0.33	0.41	0.57	dB	0.272
PE3062/HS-36	36 inch	Insertion Loss (Typ.)	0.34	0.44	0.58	0.83	1.3	dB	0.529
PE3062/HS-48	48 inch	Insertion Loss (Typ.)	0.39	0.51	0.71	1.03	1.67	dB	0.657
PE3062/HS-72	72 inch	Insertion Loss (Typ.)	0.48	0.67	0.96	1.45	2.4	dB	0.913
PE3062/HS-108	108 inch	Insertion Loss (Typ.)	0.61	0.9	1.33	2.07	3.59	dB	1.297

The insertion loss data for the base model does not include loss due to the connectors. Each length includes insertion loss due to the connectors.

Loss due to Connector 1:0.1 dBLoss due to Connector 2:0.1 dBBase Weight:0.272 poundsAdditional Weight per Inch:0.01067 pounds

Mechanical Specifications

Cable Assembly

 Width/Diameter
 0.5 in [12.7 mm]

 Weight
 0.144 lbs [65.32 g]

Cable

Cable Type RG214
Impedance 50 Ohms
Inner Conductor Type Stranded
Inner Conductor Material and Plating Copper, Silver
Dielectric Type PE

Dielectric Type
Number of Shields

Shield Layer 1 Silver Plated Copper Braid Shield Layer 2 Silver Plated Copper Braid PVC, Black

Jacket Diameter0.425 in [10.8 mm]Repeated Minimum Bend Radius1.6 in [40.64 mm]





PE3062/HS

Connectors

Description	Connector 1	Connector 2
Туре	N Male	N Male
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 μin minimum	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	Brass, Nickel
Coupling Nut Plating Specification	100 µin minimum	100 μin minimum

Environmental Specifications

Operating Range Temperature

-20 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:





PE3062/HS

Typical Performance Data

How to Order

Part Number Configuration:

PE3062/HS - xx uu

Unit of Measure:
cm = Centimeters

Length
Base Number

Example: PE3062/HS-12 = 12 inches long cable

PE3062/HS-100cm = 100 cm long cable

N Male to N Male Cable Using RG214 Coax with HeatShrink 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: N Male to N Male Cable Using RG214 Coax with HeatShrink PE3062/HS

URL: https://www.pasternack.com/n-male-to-n-male-cable-using-rg214-with-heatshrink-pe3062-hs-p.aspx

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