



SMA Male to SMA Male Cable Using 93 Ohm RG62 Coax with Double HeatShrink

RF Cable Assemblies Technical Data Sheet

PE3899LF/HS2

Configuration

- Connector 1: SMA Male
- Connector 2: SMA Male
- Cable Type: RG62

Features

- Shielding Effectivity > 45 dB
- 83% Phase Velocity
- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3899LF/HS2 SMA male to SMA male cable using 93 ohm RG62 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 SMA to SMA cable assembly has a male to male gender configuration with 93 ohm flexible RG62 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		83		%
RF Shielding	45			dB
Capacitance		14.5 [47.57]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.064 lbs [29.03 g]

Cable

Cable Type RG62
Impedance 93 Ohms
Inner Conductor Type Solid
Inner Conductor Material and Plating Copper Clad Steel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMA Male Cable Using 93 Ohm RG62 Coax with Double HeatShrink PE3899LF/HS2](#)



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Dielectric Type	PE (AS)
Number of Shields	1
Shield Layer 1	Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.239 in [6.07 mm]
One Time Minimum Bend Radius	2.5 in [63.5 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	MIL-G-45204	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	QQ-N-290
Hex Size	5/16 in	5/16 in
Torque	5 in-lbs [0.57 Nm]	5 in-lbs [0.57 Nm]

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

Plotted and Other Data

Notes:

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PE3899LF/HS2

How to Order

Part Number Configuration:

PE3899LF/HS2

- **xx**

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

Example: PE3899LF/HS2-12 = 12 inches long cable
PE3899LF/HS2-100cm = 100 cm long cable

SMA Male to SMA Male Cable Using 93 Ohm RG62 Coax with Double 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.

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URL: <https://www.pasternack.com/sma-male-to-sma-male-cable-using-rg62-with-double-heatshrink-pe3899lf-hs2-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.

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