

SMA Female 4 Hole Flange to SMA Male
Cable Using PE-SR405AL Coax



RF Cable Assemblies Technical Data Sheet

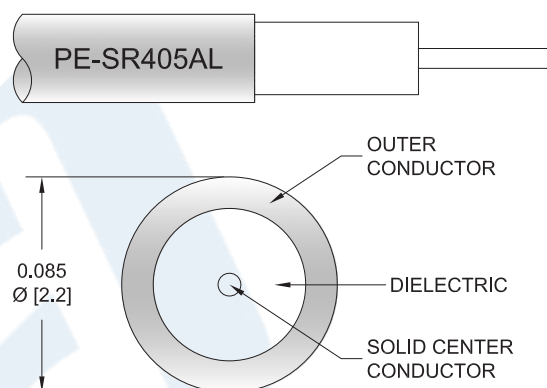
PE3W09673

Configuration

- Connector 1: SMA Female 4 Hole Flange
- Connector 2: SMA Male
- Cable Type: PE-SR405AL

Features

- Max Frequency 18 GHz



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W09673 SMA female 4 hole flange to SMA male cable using PE-SR405AL coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack SMA to SMA cable assembly has a female to male gender configuration with 50 ohm semi-rigid PE-SR405AL coax. The PE3W09673 SMA female to SMA male cable assembly operates to 18 GHz. Our RF cable assembly with SMA 4 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL Coax PE3W09673](#)

SMA Female 4 Hole Flange to SMA Male
Cable Using PE-SR405AL Coax



RF Cable Assemblies Technical Data Sheet

PE3W09673

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.4:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	4.5	9	18	GHz
Insertion Loss (Typ.)	0.23	0.294	0.455	0.745	1.21	dB/ft
	0.75	0.96	1.49	2.44	3.97	dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB per connector.

Mechanical Specifications

Cable Assembly

Weight 0.019 lbs [8.62 g]

Cable

Cable Type PE-SR405AL
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 1
 Outer Conductor Material and Plating Tinned Aluminum
 One Time Minimum Bend Radius 0.05 in [1.27 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL Coax PE3W09673](#)

SMA Female 4 Hole Flange to SMA Male
Cable Using PE-SR405AL Coax



RF Cable Assemblies Technical Data Sheet

PE3W09673

Connectors

Description	Connector 1	Connector 2
Type	SMA Female 4 Hole Flange	SMA Male
Impedance	50 Ohms	50 Ohms
Mating Cycles		500
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification		ASTM-B488
Dielectric Type	PTFE	PTFE
Body Material and Plating	Stainless Steel, Gold	Beryllium Copper, Gold
Body Plating Specification		ASTM-B488
Coupling Nut Material and Plating		Steel
Torque		7 in-lbs [0.79 Nm]

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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: [SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL Coax PE3W09673](#)



SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL Coax

RF Cable Assemblies Technical Data Sheet

PE3W09673

How to Order

Part Number Configuration:

PE3W09673

- **xx**

uu

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

Example: PE3W09673-12 = 12 inches long cable
PE3W09673-100cm = 100 cm long cable

SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL 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: [SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL Coax PE3W09673](#)

URL: <https://www.pasternack.com/sma-female-4-hole-flange-to-sma-male-cable-using-pe-sr405al-pe3w09673-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.

PE3W09673 CAD Drawing

SMA Female 4 Hole Flange to SMA Male Cable Using PE-SR405AL Coax

