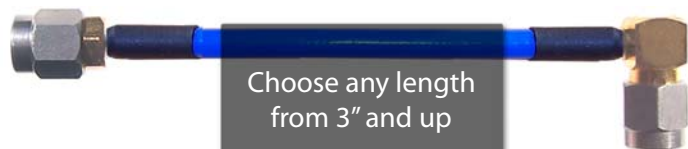


## eP5012R-LL.L Jacketed RG-402 eP-Formable

## SMA Male Straight-SMA Male Right Angle



### Summary

The eP-Formable series offers users the ability to hand form cable assemblies to final shape. evissaP offers its Standard Product eP-Formable cable assemblies in a wide variety of connector configurations, cable diameters and 2 outer jacket options (tin braid and FEP). Standard Product eP-Formable cable assemblies are built using lead free solder in combination with state-of-the art induction soldering techniques. Construction using lead based solder is offered and can be ordered by specifying eP5012S-LL.L.

### Overview

- Impedance 50 ohms
- Frequency Range DC to 10 GHz
- Cable RG-402; FEP Jacketed
- Nominal Cable O.D. 0.163" nominal
- SMA Male Straight Stainless Steel coupling nut Ni/Au-plated brass body
- SMA Male Right Angle Stainless Steel coupling nut Ni/Au-plated brass body

### Features

- Hand bend to final shape
- Anti-torque nut on SMA Straight Connector
- 100% VSWR test to 10 GHz
- 100% Hi-pot and continuity tests
- Fast delivery on standard lengths
- RoHS compliant per evissaP RoHS statement
- Cost-effective, manufactured in China at US wholly owned ISO9001:2000 facility

### eP-Formable RG-402 Jacketed Cable Assembly

Unit price, typical delivery and +25° C performance to 10 GHz for popular cable lengths. Almost any cable length available in about 2 weeks.

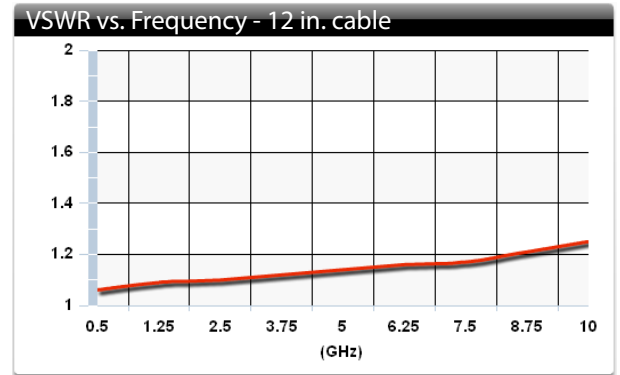
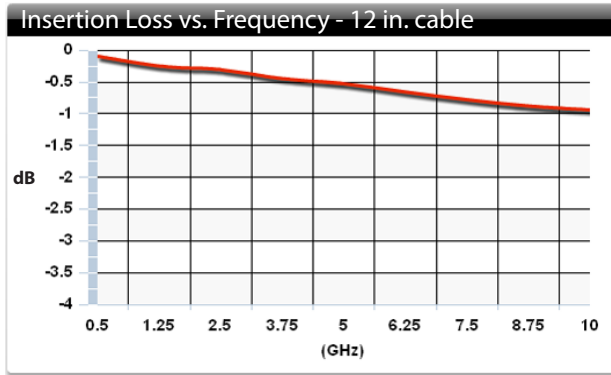
Part Number	Popular Length inches	S11/S22 to 10 GHz (:1) Maximum	S21/S12 to 10 GHz (dB) Typical	Typical Delivery	10 to 24 pcs	25 to 49 pcs	50 to 99 pcs
eP5012R-03.0	3.0	1.35	0.535	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-04.0	4.0	1.35	0.580	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-05.0	5.0	1.35	0.625	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-06.0	6.0	1.35	0.670	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-07.0	7.0	1.35	0.715	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-08.0	8.0	1.35	0.760	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-09.0	9.0	1.35	0.805	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-10.0	10.0	1.35	0.850	stock-2 weeks	\$10.85	\$10.30	\$9.80
eP5012R-11.0	11.0	1.35	0.895	stock-2 weeks	\$10.85	\$10.30	\$9.80
<b>eP5012R-12.0</b>	<b>12.0</b>	<b>1.35</b>	<b>0.940</b>	<b>stock</b>	<b>\$10.85</b>	<b>\$10.30</b>	<b>\$9.80</b>
eP5012R-13.0	13.0	1.35	0.985	stock-2 weeks	\$11.40	\$10.90	\$10.35
eP5012R-14.0	14.0	1.35	1.030	stock-2 weeks	\$11.40	\$10.90	\$10.35
eP5012R-15.0	15.0	1.35	1.075	stock-2 weeks	\$11.40	\$10.90	\$10.35
eP5012R-16.0	16.0	1.35	1.120	stock-2 weeks	\$11.40	\$10.90	\$10.35
eP5012R-17.0	17.0	1.35	1.165	stock-2 weeks	\$11.40	\$10.90	\$10.35
eP5012R-18.0	18.0	1.35	1.210	stock-2 weeks	\$11.40	\$10.90	\$10.35
eP5012R-24.0	24.0	1.35	1.480	stock-2 weeks	\$14.65	\$13.95	\$13.25
eP5012R-36.0	36.0	1.35	2.020	stock-2 weeks	\$18.95	\$18.10	\$17.25
eP5012R-48.0	48.0	1.35	2.560	stock-2 weeks	\$24.50	\$23.30	\$22.20
eP5012R-60.0	60.0	1.35	3.100	stock-2 weeks	\$32.95	\$31.40	\$29.95
eP5012R-72.0	72.0	1.35	3.640	stock-2 weeks	\$44.95	\$42.80	\$40.75

**Bold print indicates item is typically deliverable from stock.**

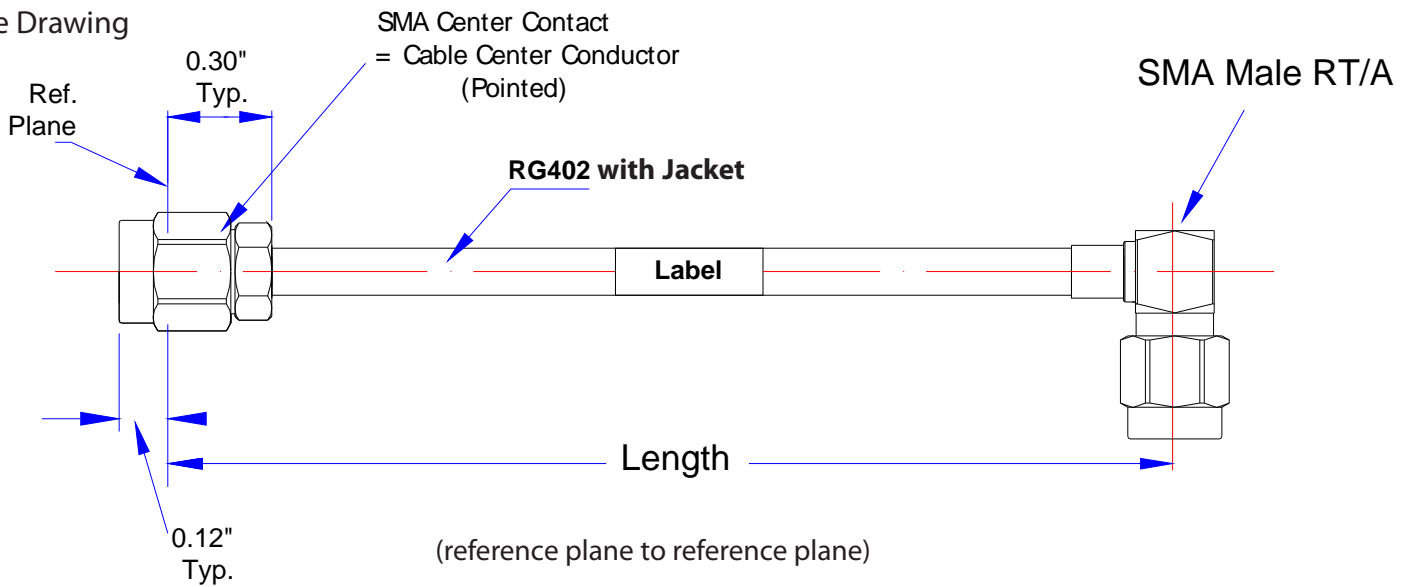
**Typical Maximum Insertion Loss (dB) at +25° C will be 0.4 dB + 0.045 x length (in inches).**

**Available in most any lengths. Prices are unit prices (price each) and in US dollars. Custom requirements welcome.**

Typical performance @ +25° C



**Outline Drawing**



**Standard Length Tolerances**

L (inches)	Tolerance (inches)
2 - 5.9	+/- 0.125
6 - 11.9	+/- 0.187
12 - 23.9	+/- 0.250
24 - 35.9	+/- 0.313
36 - 47.9	+/- 0.375
48 - 59.9	+/- 0.500
60 - 71.9	+/- 0.563
72 - 83.9	+/- 0.625
> 83.9	Please contact evissaP

**evissaP Standards**

- When ordering, please specify cable assembly length in inches. Example: eP5012R-12.5 specifies a 12.5" long cable assembly.
- Label will have evissaP P/N and Date Code.
- Shipment will include evissaP's standard C of C.
- evissaP warranty applies.
- FOB is evissaP's San Jose, CA facility.