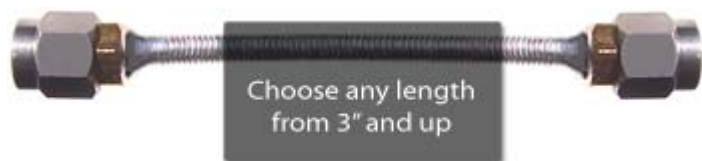


eP5003R-LL.L RG-402 eP-Formable

SMA Male Straight-SMA Male Straight



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 eP5003S-LL.L.

Overview

● Impedance	50 ohms
● Frequency Range	DC to 18 GHz
● Cable	RG-402; Tin filled outer braid
● Nominal Cable O.D.	0.141" nominal
● SMA Male Straight	Stainless Steel coupling nut Ni/Au-plated brass body
● SMA Male Straight	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 18 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 Tin-Braided Cable Assembly

Unit price, typical delivery and +25° C performance to 18 GHz for popular cable lengths. Almost any cable length available in about 2 weeks.

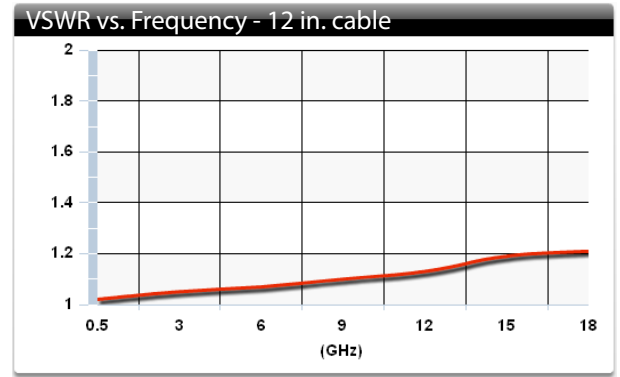
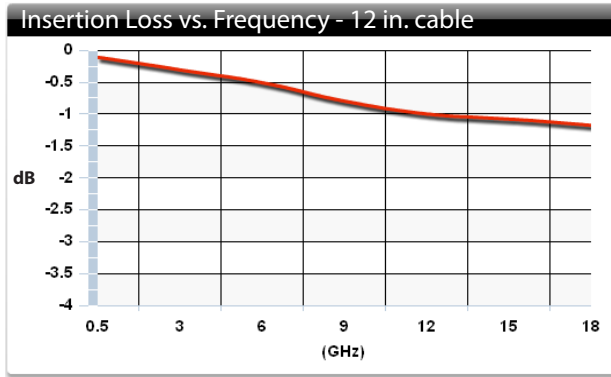
Part Number	Popular Length inches	S11/S22 to 18 GHz (:1) Maximum	S21/S12 to 18 GHz (dB) Typical	Typical Delivery	10 to 24 pcs	25 to 49 pcs	50 to 99 pcs
eP5003R-03.0	3.0	1.35	0.595	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-04.0	4.0	1.35	0.660	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-05.0	5.0	1.35	0.725	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-06.0	6.0	1.35	0.790	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-07.0	7.0	1.35	0.855	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-08.0	8.0	1.35	0.920	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-09.0	9.0	1.35	0.985	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-10.0	10.0	1.35	1.050	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-11.0	11.0	1.35	1.115	stock-2 weeks	\$9.70	\$9.25	\$8.80
eP5003R-12.0	12.0	1.35	1.180	stock	\$9.70	\$9.25	\$8.80
eP5003R-13.0	13.0	1.35	1.245	stock-2 weeks	\$10.30	\$9.80	\$9.35
eP5003R-14.0	14.0	1.35	1.310	stock-2 weeks	\$10.30	\$9.80	\$9.35
eP5003R-15.0	15.0	1.35	1.375	stock-2 weeks	\$10.30	\$9.80	\$9.35
eP5003R-16.0	16.0	1.35	1.440	stock-2 weeks	\$10.30	\$9.80	\$9.35
eP5003R-17.0	17.0	1.35	1.505	stock-2 weeks	\$10.30	\$9.80	\$9.35
eP5003R-18.0	18.0	1.35	1.570	stock	\$10.30	\$9.80	\$9.35
eP5003R-24.0	24.0	1.35	1.960	stock	\$13.50	\$12.90	\$12.30
eP5003R-36.0	36.0	1.35	2.740	stock-2 weeks	\$17.90	\$17.00	\$16.20
eP5003R-48.0	48.0	1.35	3.520	stock-2 weeks	\$23.40	\$22.25	\$21.20
eP5003R-60.0	60.0	1.35	4.300	stock-2 weeks	\$31.90	\$30.40	\$28.95
eP5003R-72.0	72.0	1.35	5.080	stock-2 weeks	\$43.85	\$41.75	\$39.75

Bold print indicates item is typically deliverable from stock.

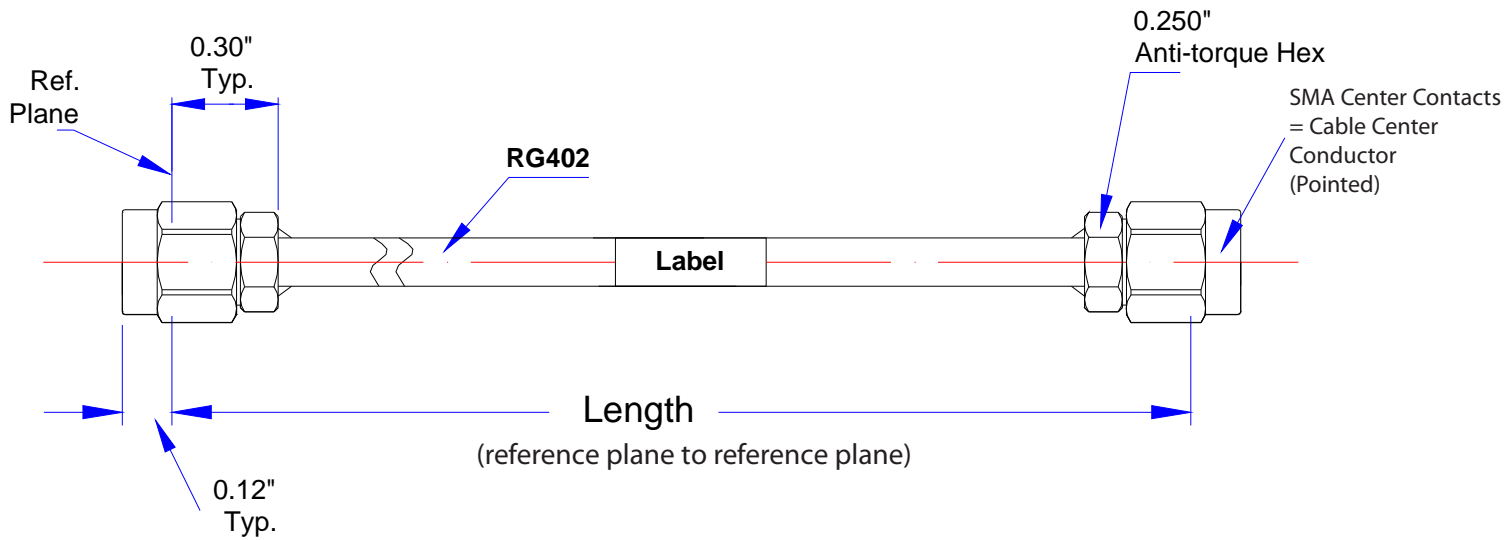
Typical Maximum Insertion Loss (dB) at +25° C will be 0.4 dB + 0.065 x length (in inches).

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: eP5003R-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.