

## eP1001R-LL.L RG-316 eP-Flexible Single Shield

## SMA Male Straight-SMA Male Straight



Choose any length from 3" and up

### Summary

evissaP offers its Standard Product eP-Flexible cable assemblies in a wide variety of connector configurations, cable diameters and cable types. Standard Product eP-Flexible cable assemblies have solid RF performance and excellent mechanical integrity. Cable Assembly construction utilizes automated techniques including precision automatic cable stripping and connector attachment using pneumatic crimp. Construction using lead free solder is standard. Lead based solder is offered and can be ordered by specifying eP1001S-LL.L

### Overview

- Impedance 50 ohms
- Frequency Range DC to 6 GHz
- Cable RG-316; FEP Jacketed
- Nominal Cable O.D. 0.100" nominal
- SMA Male Straight Ni/Au-plated brass body  
Au-plated center contact
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### Features

- 100% VSWR test to 6 GHz
- 1.35:1 maximum to 6 GHz
- 100% Hi-pot and continuity tests
- Fast delivery on standard lengths
- RoHS compliant per evissaP RoHS statement
- Cost-effective, manufactured in US wholly owned ISO9001:2000 facility in China

### eP-Flexible RG-316 Jacketed Cable Assembly

Unit price, typical delivery and +25° C performance to 6 GHz for popular cable lengths. Almost any cable length available in about 2 weeks.

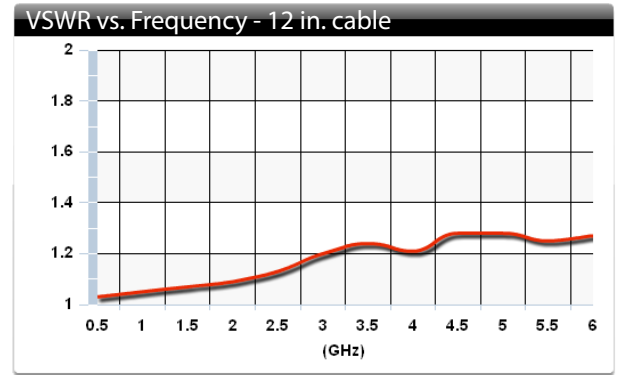
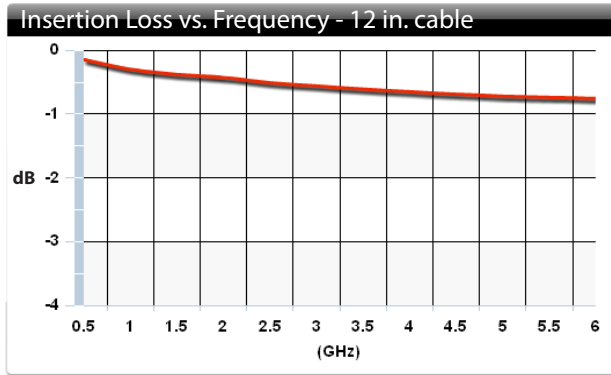
Part Number	Popular Length inches	S11/S22 to 6 GHz (:1) Maximum	S21/S12 to 6 GHz (dB) Typical	Typical Delivery	10 to 24 pcs	25 to 49 pcs	50 to 99 pcs
eP1001R-03.0	3.0	1.35	0.510	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-04.0	4.0	1.35	0.580	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-05.0	5.0	1.35	0.650	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-06.0	6.0	1.35	0.720	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-07.0	7.0	1.35	0.790	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-08.0	8.0	1.35	0.860	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-09.0	9.0	1.35	0.930	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-10.0	10.0	1.35	1.000	stock-2 weeks	\$8.25	\$7.85	\$7.45
eP1001R-11.0	11.0	1.35	1.070	stock-2 weeks	\$8.25	\$7.85	\$7.45
<b>eP1001R-12.0</b>	<b>12.0</b>	<b>1.35</b>	<b>1.140</b>	<b>stock</b>	<b>\$8.25</b>	<b>\$7.85</b>	<b>\$7.45</b>
eP1001R-13.0	13.0	1.35	1.210	stock-2 weeks	\$8.75	\$8.30	\$7.95
eP1001R-14.0	14.0	1.35	1.280	stock-2 weeks	\$8.75	\$8.30	\$7.95
eP1001R-15.0	15.0	1.35	1.350	stock-2 weeks	\$8.75	\$8.30	\$7.95
eP1001R-16.0	16.0	1.35	1.420	stock-2 weeks	\$8.75	\$8.30	\$7.95
eP1001R-17.0	17.0	1.35	1.490	stock-2 weeks	\$8.75	\$8.30	\$7.95
eP1001R-18.0	18.0	1.35	1.560	stock-2 weeks	\$8.75	\$8.30	\$7.95
eP1001R-24.0	24.0	1.35	1.980	stock-2 weeks	\$11.45	\$10.95	\$10.45
eP1001R-36.0	36.0	1.35	2.820	stock-2 weeks	\$15.20	\$14.45	\$13.75
eP1001R-48.0	48.0	1.35	3.660	stock-2 weeks	\$19.85	\$18.90	\$18.00
eP1001R-60.0	60.0	1.35	4.500	stock-2 weeks	\$27.10	\$25.80	\$24.60
eP1001R-72.0	72.0	1.35	5.340	stock-2 weeks	\$37.25	\$35.45	\$33.75

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

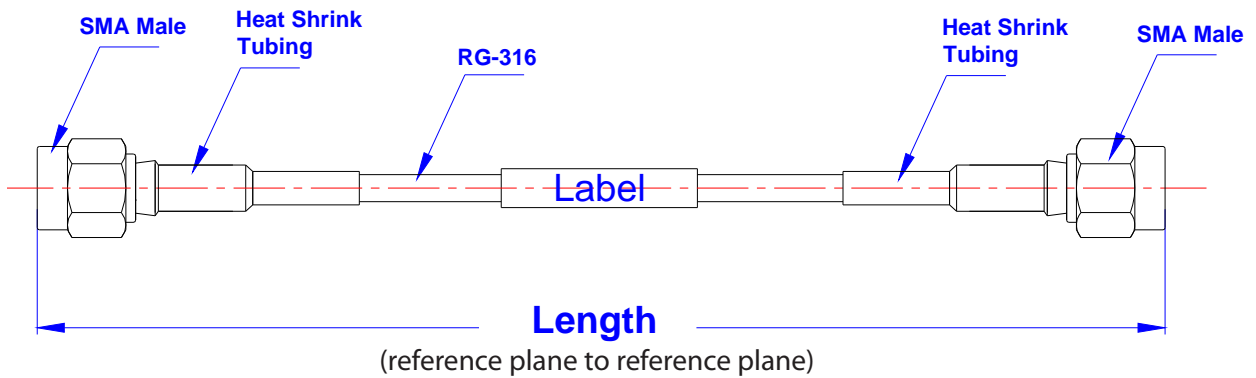
**Typical Maximum Insertion Loss (dB) at +25° C will be 0.3 dB + 0.07 x length (in inches).**

**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: eP1001R-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.