eP1003R-LL.L RG-316 eP-Flexible Single Shield

SMA Male Right Angle-SMA Male Right Angle

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 pnuematic crimp. Construction using lead free solder is standard. Lead based solder is offered and can be ordered by specifying eP1003**S**-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 Right Angle — 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
eP1003R-03.0	3.0	1.35	0.610	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-04.0	4.0	1.35	0.680	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-05.0	5.0	1.35	0.750	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-06.0	6.0	1.35	0.820	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-07.0	7.0	1.35	0.890	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-08.0	8.0	1.35	0.960	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-09.0	9.0	1.35	1.030	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-10.0	10.0	1.35	1.100	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-11.0	11.0	1.35	1.170	stock-2 weeks	$9.35	$8.90	$8.50
eP1003R-12.0	**12.0**	**1.35**	**1.240**	**stock**	**$9.35**	**$8.90**	**$8.50**
eP1003R-13.0	13.0	1.35	1.310	stock-2 weeks	$9.85	$9.35	$8.90
eP1003R-14.0	14.0	1.35	1.380	stock-2 weeks	$9.85	$9.35	$8.90
eP1003R-15.0	15.0	1.35	1.450	stock-2 weeks	$9.85	$9.35	$8.90
eP1003R-16.0	16.0	1.35	1.520	stock-2 weeks	$9.85	$9.35	$8.90
eP1003R-17.0	17.0	1.35	1.590	stock-2 weeks	$9.85	$9.35	$8.90
eP1003R-18.0	18.0	1.35	1.660	stock-2 weeks	$9.85	$9.35	$8.90
eP1003R-24.0	24.0	1.35	2.080	stock-2 weeks	$12.60	$11.95	$11.40
eP1003R-36.0	36.0	1.35	2.920	stock-2 weeks	$16.30	$15.50	$14.75
eP1003R-48.0	48.0	1.35	3.760	stock-2 weeks	$21.00	$19.95	$19.00
eP1003R-60.0	60.0	1.35	4.600	stock-2 weeks	$28.20	$26.85	$25.55
eP1003R-72.0	72.0	1.35	5.440	stock-2 weeks	$38.30	$36.50	$34.80

Bold print indicates item is typically deliverable from stock.
Typical Maximum Insertion Loss (dB) at +25° C will be 0.4 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.

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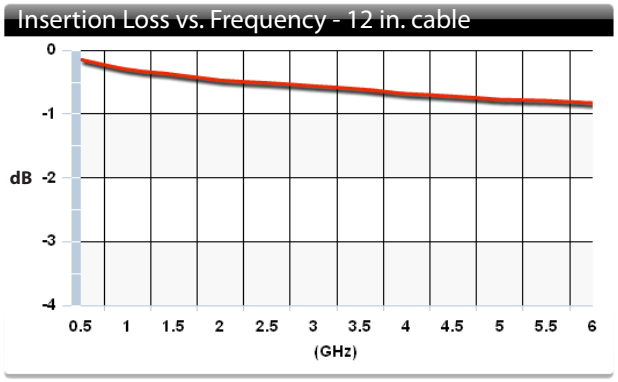
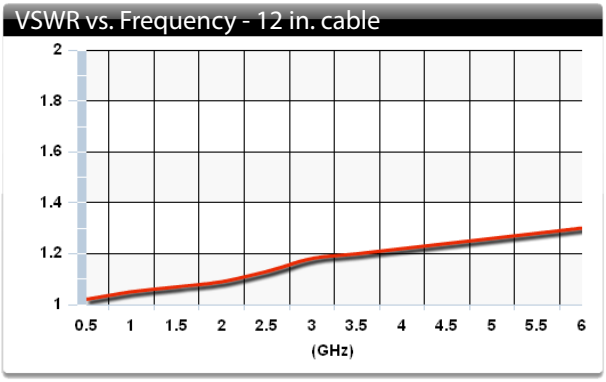
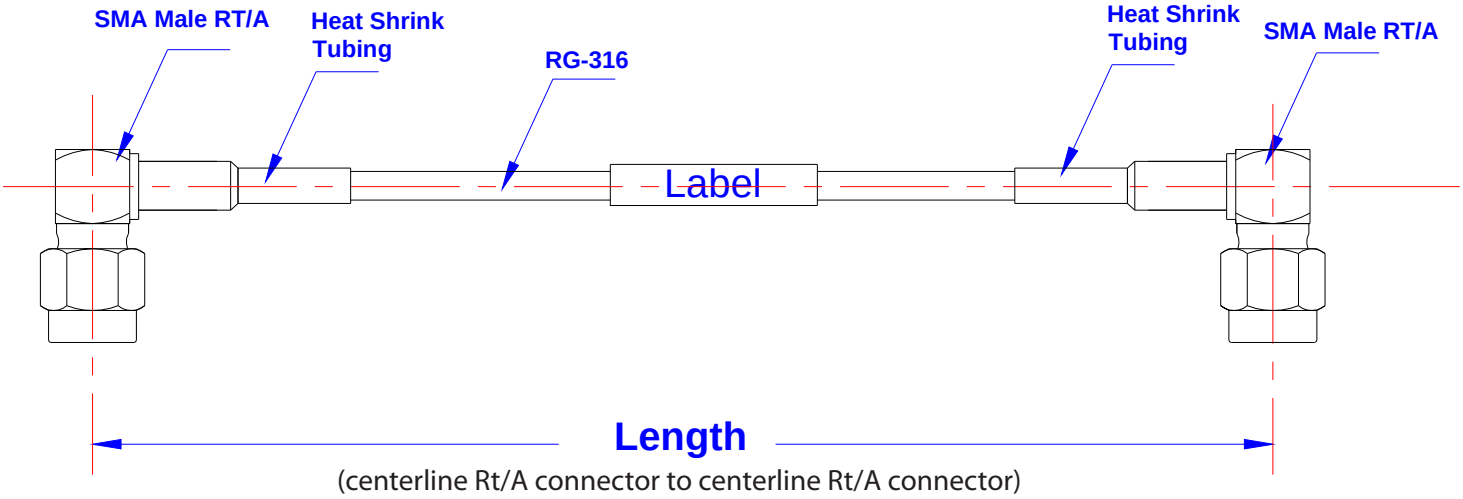
Typical performance @ +25° C





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: eP1003R-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.

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