



The eP-LL195 Flexible cable with black PE jacket offers users high quality, low cost flexible jumper cable. evissap offers its eP-LL195 Flexible cable assemblies in a wide variety of connector configurations, eP-LL195 Flexible cable assemblies are built using lead free solder in combination with state of-the-art induction soldering techniques.

Features

- eP-LL195 Flexible
- SMA male and SMA male connectors
- 100% VSWR test to 6 GHz
- 100% Hi-pot and continuity tests
- Standard delivery <21 days from order
- RoHS compliant per evissap RoHS statement

Overview

Impedance	50 ohms
Frequency Range	DC-6 GHz
Cable	eP-LL195
Cable O.D.	.195" nominal

Configuration

Connector 1	SMA male Gold plated brass body
Connector 2	SMA male Gold plated brass body

Application

- WLL, GPS, WLAN
- Mobil Antennas
- Wireless Communication Sysytem

evissap Standards

When ordering, please specify cable assembly length in inches. Example: eP2074R-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 web posted warranty and Ters and Conditions applies. FOB is evissap's San Jose, CA US facility

Connector options available for eP-LL195 cable

- * BNC ST and RT/A male, female and bulkhead
- * Type N ST and RT male, female and bulkhead
- * TNC ST male, female and bulkhead

Electrical Specifications @ +25°C		Unit
Frequency range	DC-6	GHz
Maximum VSWR	1.35	:1
Cable Typical velocity of propagation	69.5	%

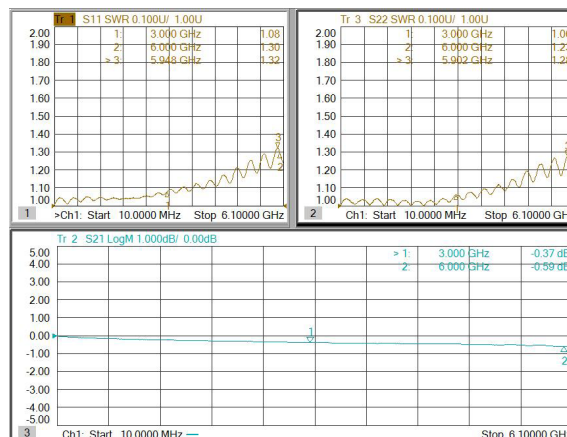
Typical Performance @+25°C	DC-2GHz	2-4GHz	4-6GHz
VSWR (S11) (:1) typ. max.@ 12 in.	1.06	1.09	1.32
Insertion Loss (S21) (dB) typ. max. @12 in.	0.3	0.45	0.59

For any length (L in.), estimated insertion loss: $C + (S21 \text{ value above-C}) * (L/12)$, Connector loss is $C = 2 * .03 \sqrt{f(\text{GHz})}$

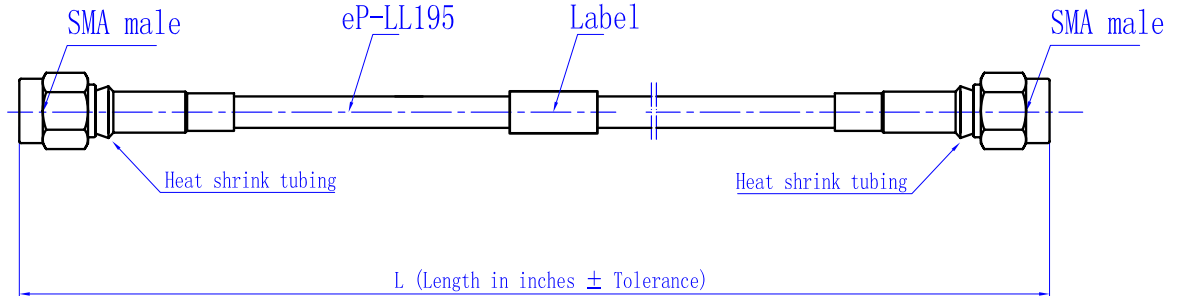
Bulk cable specifications	
Temperature range	-40to +80° C
Cable Type	eP-LL195
Cable outer diameter	.195" nominal
Inner conductor/finish	Bare Copper
Dielectric type	Foam PE
Jacket material	PE

Connector specifications	Connector 1	Connector 2
Configuration	Straight	Straight
Connector Type	SMA	SMA
Body hex size	N/A	N/A
Coupling nut hex size	0.313"	0.313"
Coupling nut material/finish	Au	Au
Connector body material/finish	Au	Au
Dielectric type	PTFE	PTFE

Typical performance data for 12" cable @+25°



Outline drawing



Standard length tolerance	
L (inches)	Tolerance (inches)
2.0 - 5.9	+/-0.125
6.0 - 11.9	+/-0.187
12.0 - 23.9	+/-0.250
24.0 - 35.9	+/-0.313
36.0 - 47.9	+/-0.375
48.0 - 59.9	+/-0.500
60.0 - 71.9	+/-0.563
72.0 - 83.9	+/-0.625
>83.9	Please contact evissap

evissap offers its eP-LL195 Flexible cable assemblies in a wide variety of connector configurations, eP-LL195 Flexible cable assemblies are built using lead free solder in combination with state-of-the art induction soldering techniques. If you cannot find the exact eP-formable cable assembly you require, please submit a request along with your requirement information.

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