

# Termination SMA

50Ω

DC to 12000 MHz

## ANNE-50L+



CASE STYLE: LL561

Connectors	Model
SMA-Male	ANNE-50L+

**+RoHS Compliant**

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

### Maximum Ratings

Operating Temperature -55°C to 100°C

Storage Temperature -55°C to 100°C

Permanent damage may occur if any of these limits are exceeded.

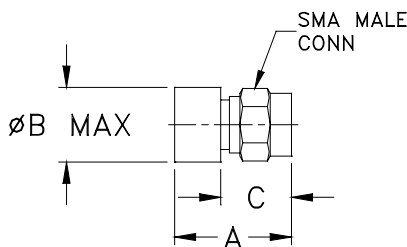
### Features

- wideband coverage, DC to 12000 MHz
- rugged construction

### Applications

- cellular communications
- satellite communications

### Outline Drawing



### Outline Dimensions (inch/mm)

A	B	C	wt
			grams
0.58	0.37	0.35	4.0
14.73	9.40	8.89	

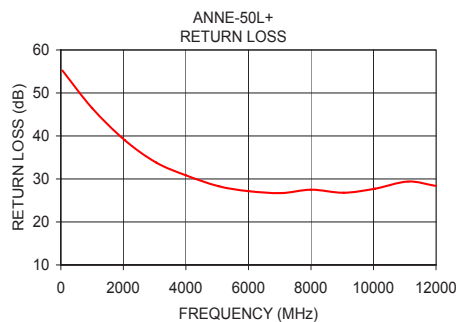
### Electrical Specifications T<sub>AMB</sub>=25°C

FREQUENCY (MHz)	IMPEDANCE (OHMS)	RETURN LOSS (dB) MIN.			POWER RATING* (W)
		DC-4 GHz	4-8 GHz	8-12 GHz	
DC-12000	50	26	21	18	1.0

\*At 50°C, derate linearly to 350mW at 100°C.

### Typical Performance Data

Frequency (MHz)	Return Loss (dB)
50	55.22
1000	46.47
2050	39.00
3050	33.81
4000	30.84
5050	28.31
6000	27.16
7050	26.71
8000	27.51
9050	26.79
10050	27.74
11100	29.40
12000	28.36



### Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.  
 B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.  
 C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/MCLStore/terms.jsp](http://www.minicircuits.com/MCLStore/terms.jsp)

