

# Termination SMA

50Ω

DC to 20000 MHz

ANNE-50X+



CASE STYLE: LL561

Connectors	Model
SMA-Male	ANNE-50X+

**+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.

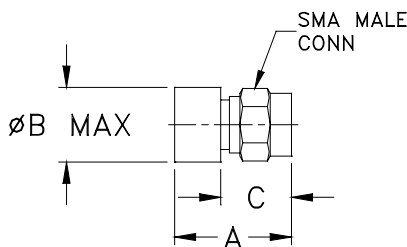
## Features

- wideband coverage, DC to 20000 MHz
- return loss, 40 dB typ. up to 4000 MHz and 30 dB typ. 10 to 20000 MHz
- rugged construction

## Applications

- cellular communications
- satellite communications
- test set-up
- defense & radar

## 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	

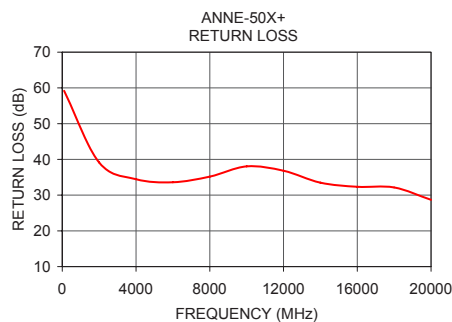
## Electrical Specifications T<sub>AMB</sub>=25°C

FREQUENCY (MHz)	IMPEDANCE (OHMS)	RETURN LOSS (dB) MIN.				POWER RATING* (W)
		DC-8 GHz	8-12 GHz	12-18 GHz	18-20 GHz	
DC-20000	50	30	26	24	22	1.0

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

## Typical Performance Data

Frequency (MHz)	Return Loss (dB)
100.00	51.34
2000.00	39.76
4000.00	34.90
6000.00	34.04
8000.00	35.38
10000.00	36.62
12000.00	34.63
14000.00	30.99
16000.00	28.79
18000.00	27.29
20000.00	24.54



## 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.  
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