

Termination SMA

50Ω

DC to 20000 MHz

ANNE-50X+



Generic photo used for illustration purposes only

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.

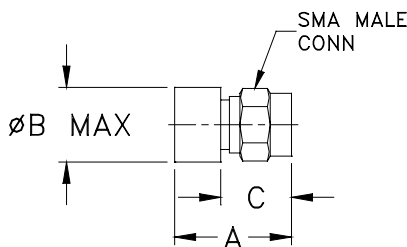
Features

- 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	

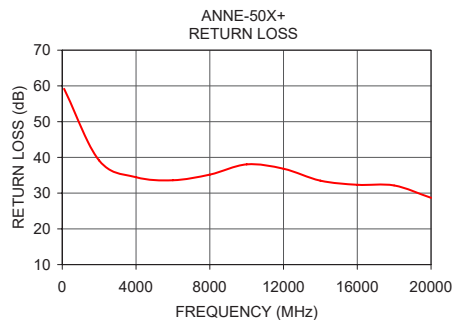
Electrical Specifications T_{AMB}=25°C

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.
 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

