

Termination SMA

50Ω

DC to 20000 MHz

ANNE-50X+



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

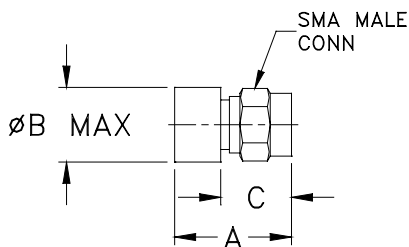
CASE STYLE: LL561

Connectors	Model	Price	Qty.
SMA-Male	ANNE-50X+	\$13.95 ea.	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Outline Drawing



Outline Dimensions (inch/mm)

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

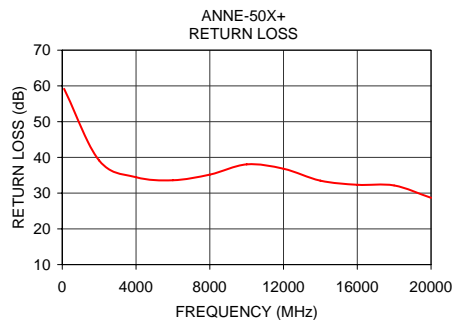
Electrical Specifications T_{AMB}=25°C

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



Mini-Circuits
ISO 9001 ISO 14001 AS 9100 CERTIFIED

For detailed performance specs & shopping online see web site

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at minicircuits.com

IF/RF MICROWAVE COMPONENTS

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet 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.

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