

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.

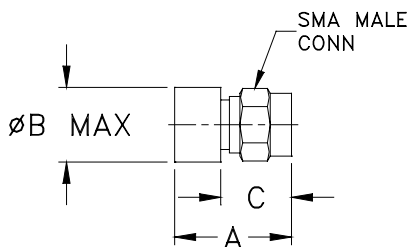
Features

- 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 | |

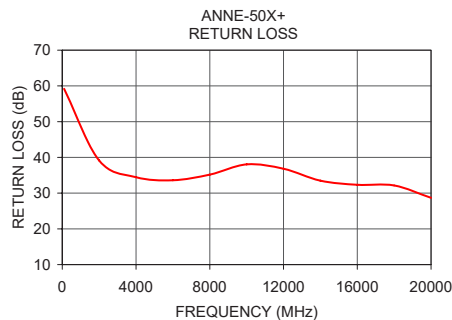
Electrical Specifications T_{AMB}=25°C

| 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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Terminators](#) category:

Click to view products by [Mini-Circuits](#) manufacturer:

Other Similar products are found below :

[M390303-02N](#) [M39030/3-04S](#) [M39030/3-09S](#) [TNG1-9-78-D3](#) [TNA2-50](#) [TNG1-6-78](#) [TNH1-1-50](#) [R404280000](#) [TNGFL1-1-78](#) [R4042N5000](#)
[R404518000](#) [53S1RR-001N3](#) [142275](#) [56S1RR-001N4](#) [18S15R-0.5E3](#) [65_BNC-50-0-7/133_NE](#) [71S1RR-001N4](#) [02S17R-001D3](#)
[R404240120](#) [R404260000](#) [HT-10-2](#) [M39030/3-04N](#) [TNA1-6-50](#) [131-3801-811](#) [TNA1-1-50](#) [65_N-50-0-51/113_NE](#) [65_N-50-0-1/133_NE](#)
[65002_N-50-1/122_NE](#) [65_MMCX-50-0-31/111_OE](#) [18K15R-0.5E3](#) [2702702](#) [TRM-2161-M0-35M-02](#) [53S17R-001N3](#) [18S24H-40ML5](#)
[TRM-2053-M0-NNN-02](#) [R404759000](#) [M39030/6-02N](#) [TRM-2080-M0-NNN-07](#) [TRM-2053-MC-NNN-02](#) [M39030/3-03S](#) [SF8012-6009](#)
[6701.01.A](#) [65_716-50-0-2/003_-E](#) [65_SMB-50-0-1/111_NE](#) [M39030/3-12N](#) [M39030/5-06N](#) [82-5722-RFX](#) [8018-6174](#) [SF8018-6005](#) [000-46650-51RFX](#)