

# Termination BNC

50Ω

DC to 2000 MHz

**BTRM-50+**  
**BTRM-50**



CASE STYLE: LL85

Connectors	Model	Price	Qty.
BNC-Male	BTRM-50(+)	\$8.25 ea.	(1-9)

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

*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

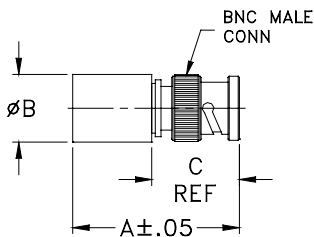
## Features

- wideband, DC to 2000 MHz
- return loss, 30 dB typ. up to 1000 MHz
- rugged construction

## Applications

- cellular communications
- satellite communications
- test set-up

## Outline Drawing



## Electrical Specifications

FREQUENCY (MHz)	IMPEDANCE (OHMS)	RETURN LOSS (dB) MIN.			POWER RATING* (W)
		DC-.5 GHz	DC-1 GHz	DC-2 GHz	
DC-2000	50	35	30	21	0.5

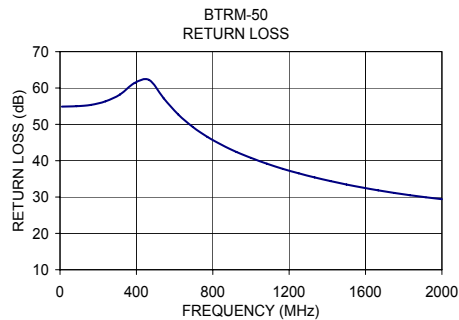
\* At 70°C, derate linearly at 5mW/°C to 350mW at 100°C.

## Outline Dimensions (Inch/mm)

A	B	D	wt
1.43	.58	.75	grams
36.32	14.73	19.05	21.5

## Typical Performance Data

Frequency (MHz)	Return Loss (dB)
10.00	54.89
86.15	55.01
162.31	55.35
238.46	56.34
314.62	58.22
390.77	61.38
466.92	62.22
543.08	57.18
619.23	52.72
695.38	49.30
771.54	46.56
847.69	44.35
923.85	42.41
1000.00	40.77
1166.67	37.77
1333.33	35.39
1500.00	33.45
1666.67	31.85
1833.33	30.50
2000.00	29.40



**Mini-Circuits®**  
ISO 9001 ISO 14001 CERTIFIED

ALL NEW  
minicircuits.com

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)

RF/IF MICROWAVE COMPONENTS

REV. A  
M98898  
BTRM-50  
RS/TD/CP/AM  
070305