

Termination BNC

50Ω

DC to 2000 MHz

BTRM-50+



CASE STYLE: LL85

Connectors	Model
BNC-Male	BTRM-50+

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.

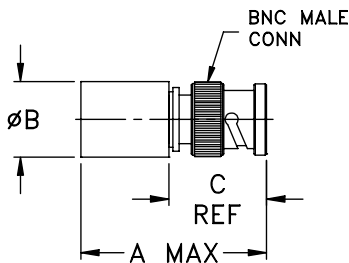
Features

- wideband, 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



Outline Dimensions (inch/mm)

A	B	D	wt
1.46	.58	.75	grams
37.08	14.73	19.05	21.5

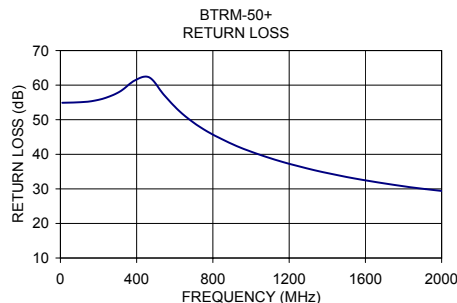
Electrical Specifications

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.

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



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

