

Coaxial

# Precision Fixed Attenuator

## HAT-10+

50Ω 1W 10dB DC to 2000 MHz

### Maximum Ratings

Operating Temperature	-45°C to 100°C
Storage Temperature	-55°C to 100°C

### Features

- excellent VSWR, 1.05:1 typ.
- excellent flatness, 0.10 dB typ. to 2000 MHz
- usable to 4000 MHz



CASE STYLE: FF747

Connectors	Model	Price	Qty.
BNC Male-BNC Female	HAT-10+	9.95 ea.	(1-9)

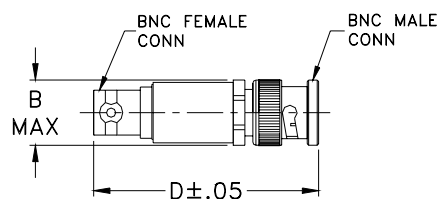
**+ RoHS compliant in accordance with EU Directive (2002/95/EC)**

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

### Applications

- PCS
- instrumentation
- cellular

### Outline Drawing



### Electrical Specifications

FREQ. RANGE (MHz)	ATTENUATION (dB)					VSWR (:1)			MAX. INPUT POWER (W)
	Flatness*					DC-0.5 GHz	DC-1 GHz	DC-2 GHz	
	DC-0.5 GHz	DC-1 GHz	DC-2 GHz	Total Band Max.	DC-0.5 GHz				
$f_L-f_U$	Nom.	Typ.	Typ.	Typ.		Typ.	Typ.	Typ.	
DC-2000	10±0.2	0.05	0.10	0.10	0.25	1.05	1.10	1.10	1.0

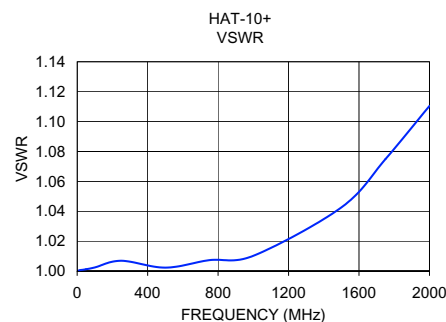
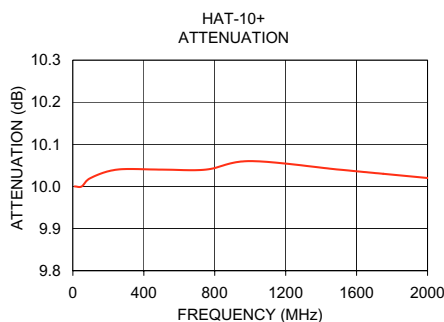
\* Flatness = variation over band divided by 2.

### Outline Dimensions (inch/mm)

B	D	wt
.62	1.94	grams
15.75	49.28	30.0

### Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
10.00	10.00	1.00
50.00	10.00	1.00
100.00	10.02	1.00
250.00	10.04	1.01
500.00	10.04	1.00
750.00	10.04	1.01
1000.00	10.06	1.01
1500.00	10.04	1.04
1750.00	10.03	1.07
2000.00	10.02	1.11



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



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RF/IF MICROWAVE COMPONENTS

REV. F  
M108294  
EDR-5087/1-15  
HAT-10+  
RV/NLC/CP/AM  
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