

Coaxial

N-Type Fixed Attenuator

50Ω 1W 10dB DC to 6000 MHz

UNAT-10+



CASE STYLE: FF779

Connectors Model
N-Type UNAT-10+

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Maximum Ratings

Operating Temperature -45°C to 100°C

Storage Temperature -55°C to 100°C

Permanent damage may occur if any of these limits are exceeded.

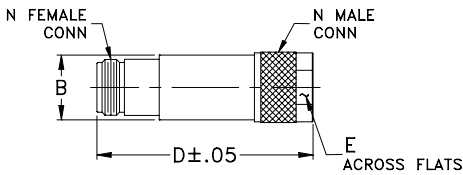
Features

- wideband coverage, DC to 6000 MHz
- 1 watt rating
- rugged unibody construction
- off-the-shelf availability
- very low cost

Applications

- impedance matching
- signal level adjustment

Outline Drawing



Electrical Specifications

FREQ. RANGE (MHz)	ATTENUATION * (dB)					VSWR (:1)					MAX. INPUT POWER (W)	
	Flatness **					DC-3 GHz			3-4.5 GHz			4.5-6 GHz
	DC-3 GHz	3-4.5 GHz	4.5-6 GHz	DC-6 GHz		Typ.	Max.	Typ.	Max.	Typ.		
DC-6000	Nom.	Typ.	Typ.	Typ.	Typ.	1.15	1.25	1.20	1.50	1.50	1.0	

* Attenuation varies by 0.3 dB max. over temperature.

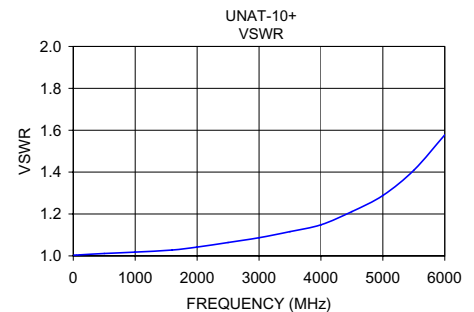
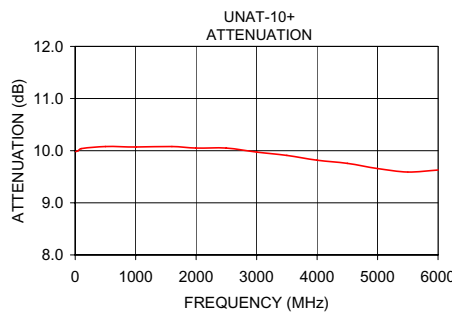
** Flatness= variation over band divided by 2.

Outline Dimensions (inch/mm)

B	D	E	wt
.68	2.11	.718	grams
17.27	53.59	18.24	72.5

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
10	9.98	1.00
50	10.00	1.00
100	10.04	1.00
500	10.08	1.01
1000	10.07	1.02
1600	10.08	1.03
2000	10.05	1.04
2500	10.05	1.06
3000	9.97	1.09
3500	9.91	1.12
4000	9.82	1.15
4500	9.76	1.21
5000	9.66	1.29
5500	9.59	1.41
6000	9.63	1.58



Notes

- 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.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
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