

Coaxial

# N-Type Fixed Attenuator

50Ω 1W 10dB DC to 6000 MHz

UNAT-10+



CASE STYLE: FF779

Connectors	Model	Price	Qty.
N-Type	UNAT-10+	\$15.95 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.

## Maximum Ratings

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

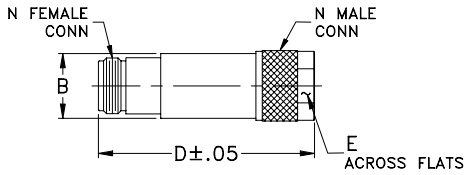
## Features

- 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		DC-3 GHz	3-4.5 GHz	4.5-6 GHz	DC-3 GHz	3-4.5 GHz		4.5-6 GHz
DC-6000	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.		1.0
	10±0.3	0.10	0.20	0.20	0.40	1.15	1.25	1.20	1.50	1.50		

\* Attenuation varies by 0.3 dB max. over temperature.

\*\* Flatness= variation over band divided by 2.

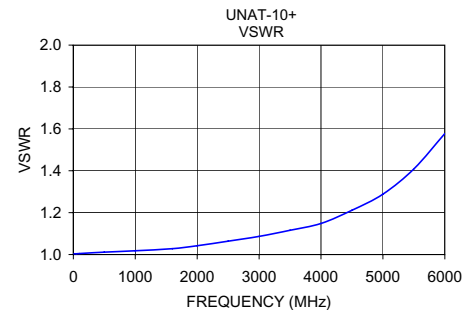
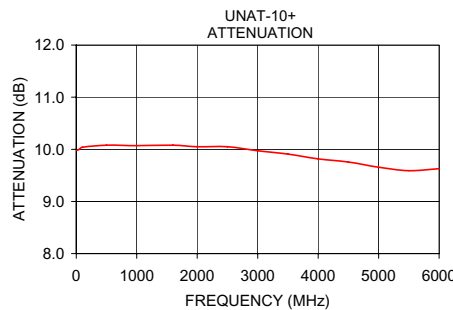
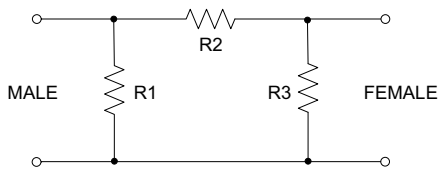
## Outline Dimensions (inch/mm)

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

## Electrical Schematic



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