

Coaxial

# N-Type Fixed Attenuator

50Ω 1W 7dB DC to 6000 MHz

UNAT-7+  
UNAT-7



CASE STYLE: FF779

Connectors Model  
N-Type UNAT-7(+)

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

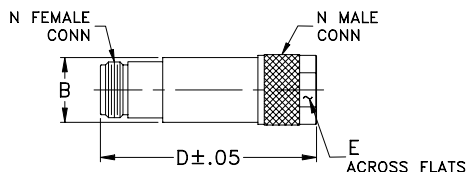
## Features

- 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



## Outline Dimensions (inch/mm)

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

## 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
	7±0.3	0.10	0.10	0.15	0.20	1.05	1.20	1.10	1.43	1.50		

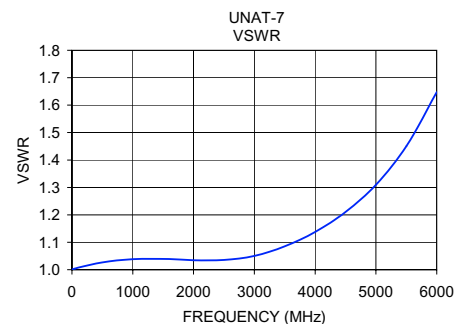
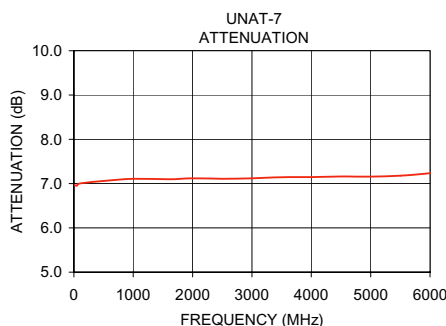
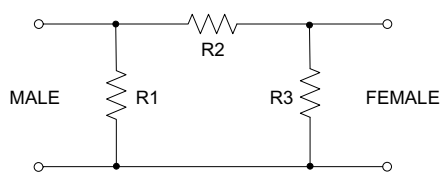
\* Attenuation varies by 0.3 dB max. over temperature.

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

## Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
10	6.97	1.00
50	6.96	1.00
100	7.00	1.01
500	7.06	1.03
1000	7.11	1.04
1600	7.10	1.04
2000	7.12	1.03
2500	7.11	1.04
3000	7.12	1.05
3500	7.14	1.09
4000	7.15	1.14
4500	7.16	1.21
5000	7.16	1.31
5500	7.18	1.45
6000	7.24	1.65

## Electrical Schematic



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RF/IF MICROWAVE COMPONENTS

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