

N-Type Fixed Attenuator

50Ω 1W 15 dB DC to 6000 MHz

UNAT-15+



CASE STYLE: FF779

Connectors Model
N-Type UNAT-15+

+ 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

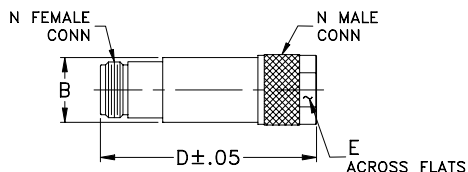
Features

- 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



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-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
	15±0.3	0.20	0.35	0.20	0.60	1.15	1.43	1.20	1.80	1.70	

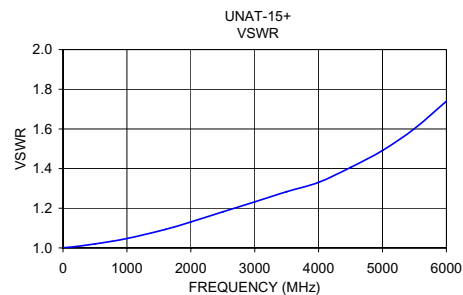
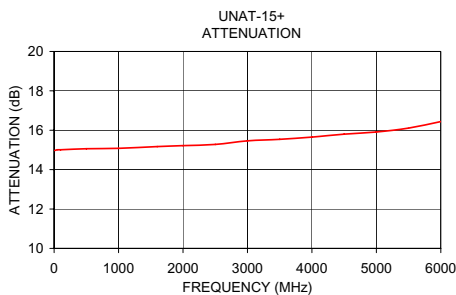
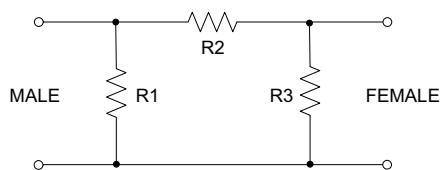
* Attenuation varies by 0.3 dB max. over temperature.

** Flatness= variation over band divided by 2.

Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
10	14.97	1.00
50	15.01	1.00
100	15.01	1.00
500	15.06	1.02
1000	15.08	1.05
1600	15.17	1.09
2000	15.22	1.13
2500	15.28	1.18
3000	15.46	1.23
3500	15.54	1.28
4000	15.65	1.33
4500	15.80	1.41
5000	15.91	1.49
5500	16.11	1.60
6000	16.44	1.74

Electrical Schematic



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