

# N-Type Fixed Attenuator

## UNAT-30+

50Ω 0.5W 30dB DC to 6000 MHz

### 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

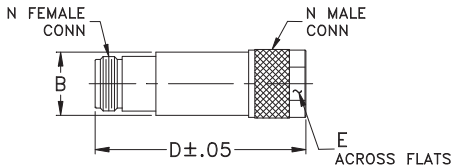
- Wideband coverage, DC to 6 GHz
- Rugged unibody construction
- Off-the-shelf availability
- Very low cost



CASE STYLE: FF779

Connectors	Model	Price	Qty.
N - type	UNAT-30+	\$15.95 ea.	(1-9)

### Outline Drawing



### Application

- Impedance matching
- signal level adjustment
- Test equipment
- Lab Use

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

### Electrical Specifications

FREQ. RANGE (MHz)	ATTENUATION * (dB)					VSWR (:1)			MAX. INPUT POWER (W)		
	Flatness **										
	DC-3GHz		3-4.5GHz	4.5-6GHz	DC-6GHz	DC-3GHz		3-4.5GHz		4.5-6GHz	
	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	30 ± 0.3	1.2	0.7	0.4	2.3	1.04	1.25	1.07	1.25	1.10	0.5

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

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

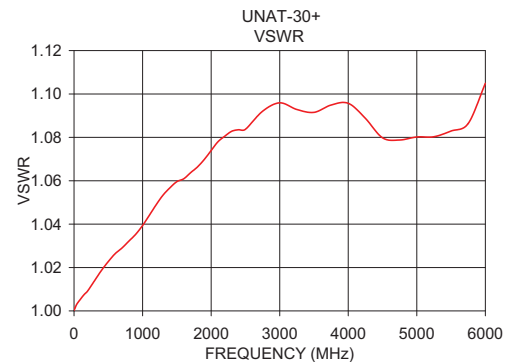
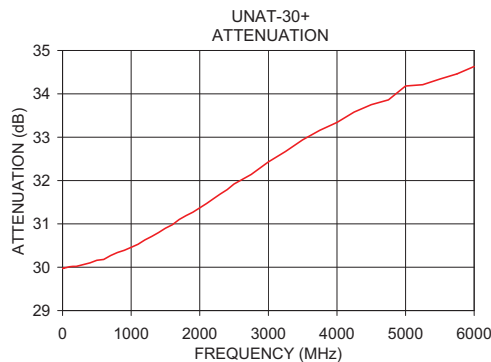
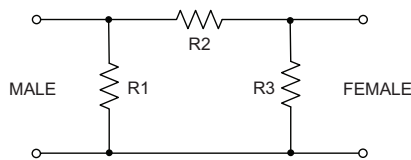
### Outline Dimensions (inch/mm)

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)
1	29.97	1.00
10	29.98	1.00
100	30.01	1.01
500	30.16	1.02
1000	30.46	1.04
1500	30.90	1.06
2000	31.37	1.07
2500	31.92	1.08
3000	32.43	1.10
3500	32.94	1.09
4000	33.34	1.10
4250	33.58	1.09
4500	33.75	1.08
5000	34.18	1.08
5500	34.34	1.08
6000	34.63	1.10

### Electrical Schematic



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