

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.	

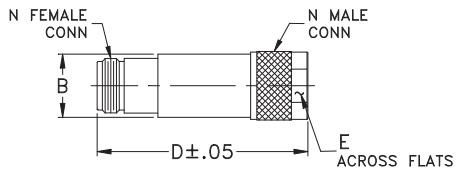
Features

- 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 *				VSWR (:1)				MAX. INPUT POWER (W)		
	Flatness **				DC-3GHz Nom.	DC-3GHz Typ.	3-4.5GHz Typ.	4.5-6GHz Typ.			
	DC-3GHz Nom.	DC-3GHz Typ.	3-4.5GHz Typ.	4.5-6GHz 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

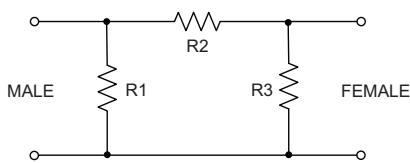
* Attenuation varies by 0.3dB Max. over temperature.

** Flatness= variation over band divided by 2.

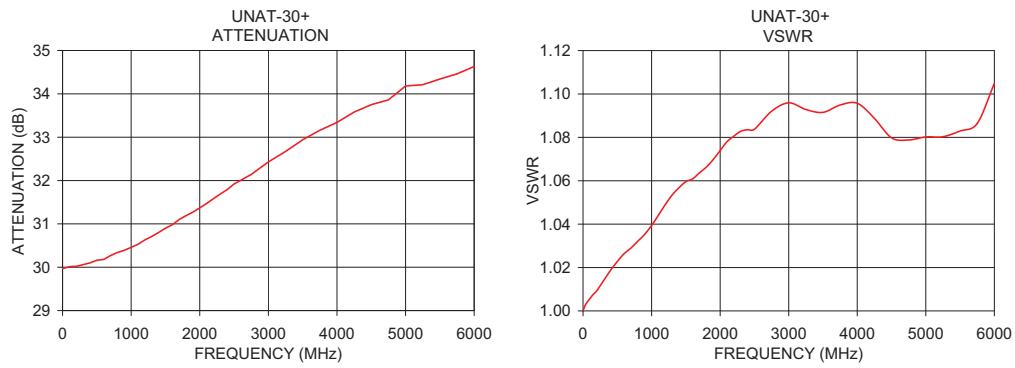
Outline Dimensions (inches/mm)

B	D	E	wt.
.68	2.11	.718	grams

17.27 53.59 18.24 72.5

Electrical Schematic**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



 **Mini-Circuits®**
ISO 9001 ISO 14001 AS 9100 CERTIFIED

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IF/RF MICROWAVE COMPONENTS

For detailed performance specs & shopping online see web site

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp.

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