ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Mini-Circuits UNAT-12+* at our website: *Click HERE*

Coaxial

N-Type Fixed Attenuator

UNAT-12+

50Ω 1W 12 dB DC to 6000 MHz



Generic photo used for illustration purposes only

CASE STYLE: FF779

Connectors	Model
N-Type	UNAT-12+

+RoHS Compliant

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

Permanent damage may occur if any of these limits are exceeded.

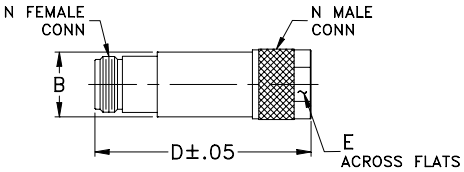
Features

- 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

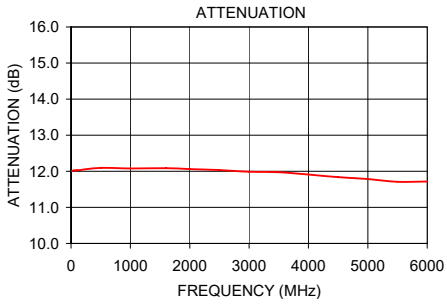
Electrical Specifications

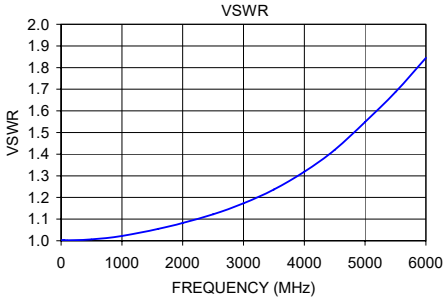
FREQ. RANGE (MHz)	ATTENUATION * (dB) Flatness **					VSWR (:1)					MAX. INPUT POWER (W)
	DC-3 GHz	3-4.5 GHz	4.5-6 GHz	DC-6 GHz		DC-3 GHz		3-4.5 GHz		4.5-6 GHz	
	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	12±0.3	0.15	0.20	0.15	0.35	1.15	1.35	1.20	1.80	1.80	1.0

* 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	12.00	1.00
50	12.03	1.00
100	12.03	1.00
500	12.10	1.01
1000	12.08	1.02
1600	12.08	1.06
2000	12.06	1.08
2500	12.04	1.12
3000	11.99	1.17
3500	11.97	1.24
4000	11.91	1.32
4500	11.84	1.42
5000	11.79	1.55
5500	11.71	1.69
6000	11.72	1.84





Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document 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

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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