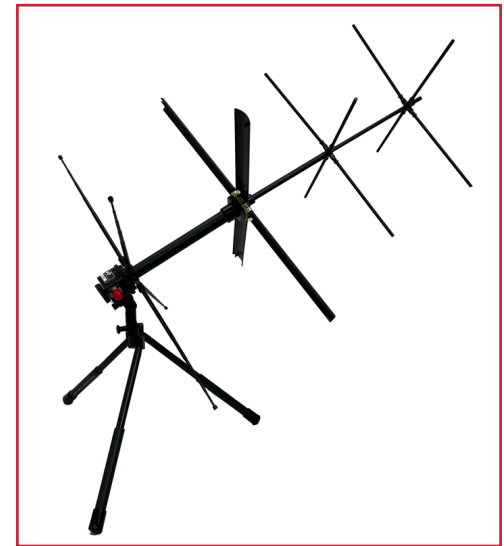


Lightweight SATCOM Antennas

The ARA-2577MLW antenna is a lightweight, ultra-portable, foldable SATCOM antenna. The antenna comes equipped with a folding reflector and fits together with a tripod or pistol grip, making it ideal for tactical and field applications. This spring-loaded antenna is extremely durable and can be deployed several thousand times by military troops in harsh environments. The antenna comes in a dull black finish suitable for any environment. The ARA-2577MLW is fully MUOS capable with a frequency response of 240 to 380 MHz.

Typically, a kit will include at minimum a water-resistant carrying bag, cable, and pistol grip. Each individual kit will also contain several accessories, such as a hard carrying case, various mounts, holsters, and tripods. Regardless of what kit you choose, each accessory available in other configurations is available separately, so you can customize your equipment according to your specific needs.



Antenna Type	Spring-loaded Yagi
Application	Military Communications, Military SATCOM
Frequency Band	240 to 380 MHz
Polarization	Right-hand circular

Features

- Directors/gain extenders provide additional 3 dBic of gain
- Deployment time: < 15 sec
- Weight: < 1 lb
- Available in black
- Available with multiple grip and mounting configurations
- Spring-loaded and durable
- Submersible with soft water-resistant bag
- Made in the USA



This datasheet has been released into the public domain in accordance with International Traffic in Arms Regulations (ITAR) 22 CFR 120.11(6).

3.21.24

Specifications:

Frequency	240 to 380 MHz
Polarization	Right-hand circular
Gain	+8 dBic
Impedance	50 Ω nominal
VSWR	< 1.5:1
Power Handling	100W
Antenna Connector	BNC Female TNC Female (Kit R)
Mounting	Magnet mount ARA Multi-Connect
Dimensions	1.85" dia x 10" tall
Weight	< 1 lb
Finish	Black
Deployment Time	< 15 sec (spring-loaded)

ARA-2577MLW Antenna Deployed:



PISTOL GRIP



GORILLA TRIPOD

ARA-2577MLW SERIES



Configurations:

	Soft Case	Hard Case	Cable	Pistol Grip	Tri-Magnet Mount	Vert Stake Mount	Heavy Duty Magnet	Mag/Stake Mount	Holster	GorillaPod	Ref Guide	Tripod	Gain Extender
ARA-2577MLW-Kit-A	X		X	X									
ARA-2577MLW-Kit-B	X		X	X	X	X							
ARA-2577MLW-Kit-C	X		X	X	X	X			X				
ARA-2577MLW-Kit-D	X		X	X	X	X				X			
ARA-2577MLW-Kit-E		X	X	X				X		X			
ARA-2577MLW-Kit-F	X		X	X						X			
ARA-2577MLW-Kit-G	X		X	X			X	X					
ARA-2577MLW-Kit-H	X		X	X					X		X		
ARA-2577MLW-Kit-J	X		X				X	X				X	X
ARA-2577MLW-Kit-K		X	X				X	X				X	X
ARA-2577MLW-Kit-L	X		X	X				X	X				
ARA-2577MLW-Kit-P	X		X	X		X							
ARA-2577MLW-Kit-R	X							X				X	

Accessories:



8880 Gorman Road, Laurel, MD 20723

301-937-8888

ara-inc.com

The data described herein may be subject to licensing under the International Traffic Arms Regulations (ITAR) 22 CFR Parts 120-130. This datasheet has been released into the public domain in accordance with these regulations. Specifications are subject to change without notice.