

communications solutions

ARA-2576 Series

The ARA-2576 series are high-gain, foldable Yagi antennas designed and tested for military use. They can be mounted on a tripod and are ideal for tactical and field applications. These are highly durable antennas that can be deployed several thousand times by military troops in harsh environments. The black anodized finish is suitable for use in any harsh environment around the world. The complete assembly is folded and supplied in a water-resistant carrying bag. This antenna is fully compatible with the Harris AN/PRC-117F/G, AN/PRC-152A, Thales AN/PRC-148 MBITR, and Raytheon AN/PSC-5 radios. It operates with PRC-117F, PRC-117G, PSC-5D, MBITR, JEM, MBITR2, PRC-152A, and any radio capable of UHF SATCOM. In addition, the antenna is equipped with a net ballast for operation at high wind speeds.

Antenna Type	Foldable Yagi
Application	Military Communications, Military SATCOM
Frequency Band	UHF (0.3 – 6 GHz)
Polarization	Right Hand Circular

Specifications

Gain	7.0 to 11.0 dBic
Frequency	240 to 400 MHz
Polarization	Right Hand Circular
Impedance	50 Ω
VSWR	< 1.5:1
Operating Temperature	-40° to +71° C
Storage Temperature	-47° to +85° C
Power Handling	200 Watt CW
Antenna Connector	BNC Type Male
Cables	12' cable with BNC Female to TNC Male adapter (1) 12' cable with BNC Female to N-type Male adapter (1)

Configurations

	ARA-2576	ARA-2576-2EX*	ARA-2576-6EX
Gain	7.0 dBic	9.0 dBic	11.0 dBic
Beamwidth (Nominal)	100°	80°	65°
Directors/Gain Extenders	Not included	1 included	2 included

*ARA-2576-2EX = NSN 5985-01-149-2576



ARA-2576-6EX

FEATURES

- Directors/Gain Extenders provide an additional 2.0 dBic gain
- Deployment time: < 3 minutes
- Black anodized finish
- Tripod with Azimuth and Elevation mount
- Packaged in 20" x 6" x 6" water-resistant bag
- Compact size
- Made in the USA

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