



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.

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

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|------------------------------|---|
| 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) |

| | 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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