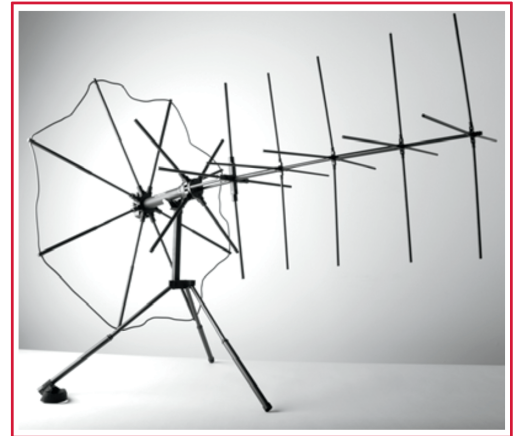


Lightweight Coat-Pocket SATCOM Antenna

The ARA-2576LW is a lightweight, directional, three-element, cross-Yagi SATCOM antenna designed to operate from 240 to 318 MHz. The antenna exhibits excellent gain and low VSWR for its small size. It maintains superior performance throughout the band, and is designed for quick deployment in theater.

The ARA-2576LW is supplied with two director sets, a mounting tripod, one or two 12.5-ft RF cables, and a rugged storage bag. The antenna meets MIL-STD-810 environmental specifications including vibration, shock, and operational/storage temperature.



Specifications:

| | |
|-----------------------------|--|
| Gain | 11 dBic |
| Frequency | 240 to 318 MHz |
| Polarization | Right-hand circular |
| Impedance | 50 Ω |
| VSWR | 1.5:1 max |
| Power Handling | 200 W CW |
| Antenna Connectors | BNC Female |
| Tripod with AZ and EL Mount | Included |
| Length | 10" x 4" OD (stored) 12" x 24" OD (deployed, no extenders) 32" x 24" OD (deployed) |
| Weight | 3.1 lbs (including bag) |
| Finish | Black (default), tan, olive drab |
| NSN | 5985-01-463-6558 |
| Optional | Extra 12.5-ft cable (CB-2576LW) |

The data described herein is not subject to licensing under the International Traffic in Arms Regulations (ITAR) 22 CFR Parts 120-130.

This datasheet has been released into the public domain in accordance with these regulations.