

INCH-POUND

MIL-A-49314/3(CR)  
22 February 1990

MILITARY SPECIFICATION SHEET

**ANTENNA, UHF SATCOM,  
HEAVY DUTY, PORTABLE, FOLDABLE AS-4217()/G**

This specification is approved for use by the Communications-Electronics Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

The requirement for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-A-49314(CR).

**REQUIREMENTS:**

On-axis cpi gain. The antenna gain shall be measured at the end of one deliverable coax cable. The gain shall be not less than:

- 8 dBic from 240 to 318 MHz
- 6 dBic from 318 to 400 MHz

Plotted on-axis gain. A plot displaying cpi gain versus frequency, drawn from 240 to 400 MHz, shall be without discontinuities.

Carrying case. The case shall be locked with latches and shall have two carrying handles.

Package length. The antenna carrying case with all items stored inside shall not exceed a length of 38 inches.

Package weight. The total weight of antenna, tripod, cables, manual and carrying case shall be no greater than 49.5 pounds.

Custodian:

Preparing Activity:

Army - CR

Army - CR

(Project 5985-A594-03)

AMSC N/A  
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