

INCH-POUND

MIL-A-49314/1 (CR)

22 February 1990

MILITARY SPECIFICATION SHEET

ANTENNA, UHF SATCOM,
LIGHT WEIGHT, PORTABLE, FOLDABLE AS-4215()/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 gain. The antenna gain when measured at the end of one of the deliverable 12.5 ft low loss RF cables, shall not be less than:

6.0 dBic at 244 MHz

6.5 dBic at 318 MHz

Plotted on-axis cpi gain. A plot displaying cpi gain versus frequency, drawn from 244 to 318 MHz, shall be continuous and steadily rising from 6.0 to 6.5 dBIC without major dips, valleys and interruptions.

Carrying case. The case shall be locked with a latch and shall have one carrying handle. The case shall have provisions to be carried on belt and/or shoulder.

Package length. The antenna carrying case with all items stored inside shall not exceed a length of 22 inches.

Package weight. The total weight of antenna, tripod, cables, manual and carrying case shall be no greater than 6.0 pounds.

Custodian:

Preparing Activity:

Army - CR

Army - CR

(Project 5985-A594-01)

AMSC N/A

FSC 5985

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