

INCH-POUND

MIL-A-49314/4(CR)

13 February 1991

MILITARY SPECIFICATION SHEET

ANTENNA, UHF SATCOM,
11 dBic PORTABLE, FOLDABLE AS-4218()/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 for the multiple gain 11 dBic antenna:

On-axis gain. The antenna gain, when measured at the RF antenna connector, shall not be less than:

9.0 dBic from 240 MHz to 400 MHz in the 9 dBic configuration
11.0 dBic from 240 MHz to 318 MHz in the 11 dBic configuration

Plotted on-axis cpi gain. A plot, displaying 11 dBic nominal gain versus frequency, drawn from 240 to 318 MHz, shall be without discontinuities.

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 6.5 pounds.

Custodian:
Army - CR

Preparing Activity:
Army - CR
(Project 5985-A609-01)

AMSC N/A
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