

ANTENNA BASE TUNER

(NSN 5820-99-527-4473)

SUMMARY OF DATA

PURPOSE

The Base Tuner output provides a means of matching various antenna impedances to a 50 ohm transmitter output. Tuned circuits are employed with remote control facilities.

BRIEF DESCRIPTION

The Base Tuner is basically a capacitive-inductive reactance transformer. Matching is effected by selecting the appropriate band for the radiated frequency, followed by adjustment of the capacitor and inductor settings until minimum VSWR is obtained.

FREQUENCY RANGE

1.5 to 17 MHz

MAJOR UNITS

Nato Stock No.

5820-99-527-4485

5820-99-527-7965

Title

Cabinet Electrical Equipment
Tuner, Radio Frequency

PHYSICAL DATA

Cabinet Electrical Equipment

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Height	Width	Depth	Weight
61.6 cm (24.125 in.)	71.1 cm (28 in.)	34.4 cm (13.5 in.)	53.1 Kg (116 lb)

POWER REQUIREMENTS

Nominal: dc-28 V

HANDBOOK

BR 791

ESTABLISHMENT LIST

S1790

INSTALLATION SPECIFICATION

B1218

