

MULTICOUPLER RECEIVER ANTENNA

(NSN 5820-99-527-4446 and 4447)

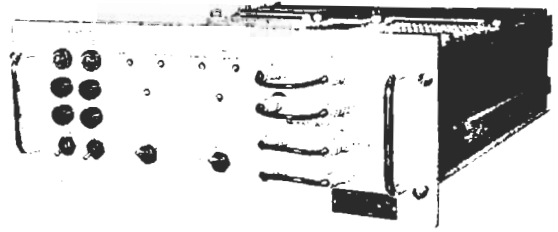
SUMMARY OF DATA

PURPOSE

The purpose of the Multicoupler Receiver Antenna is to distribute input signals from the antenna to the receiver stages.

BRIEF DESCRIPTION

MF and HF signals are applied to separate input hybrid circuits. The MF signals are fed to narrow-band amplifiers via front patching panel and the amplified signals to an output hybrid and splitter circuit. The HF signal path is similar except that the amplifiers are of the wideband type and contain splitter circuits which split each input into six outputs. The outputs of each amplifier are combined in pairs to derive six HF outputs from the unit.



MULTICOUPLER, Rx ANTENNA

FREQUENCY RANGE

10 kHz to 29.999 99 MHz.

MAJOR UNITS

Multicoupler Receiver Antenna (5820-99-527-4446)

Multicoupler Receiver Antenna (5820-99-527-4447)

Nato Stock No.	Title	Nato Stock No.	Title
5820-99-527-8023	Chassis Electrical Equipment	5820-99-527-8029	Chassis Electrical Equipment
5820-99-527-4449	Amplifier RF (2 off)	5820-99-527-4449	Amplifier RF (2 off)
5820-99-527-4448	Amplifier RF (2 off)	5820-99-527-4448	Amplifier RF (2 off)
5820-99-527-4457	Power Supply	5820-99-527-4457	Power Supply (2 off)

PHYSICAL DATA

Height	Width	Depth	Weight
17.8 cm (7 in.)	48.2 cm (19 in.)	6.1 cm (2.4 in.)	— —

POWER REQUIREMENTS

Nominal: 115 V 50/60 Hz 1 ϕ

HANDBOOK

BR 794

ESTABLISHMENT LIST

S1792 S1794

INSTALLATION SPECIFICATION

B1223 B1224