

RESTRICTEDBR 333(1)
Original**COMMON AERIAL OUTFIT EAT(1)****EAT(1)****SUMMARY OF DATA****PURPOSE**

Distribution of radio signals from a single aerial to a large number of private broadcast receivers. Outfit EAT(1) can accommodate up to 400 receivers.

FREQUENCY RANGE

150 kHz to 350 kHz, 550 kHz to 1500 kHz and 6 to 28 MHz.

BRIEF DESCRIPTION

The amplifier unit contains two wide-band amplifiers, one for medium and long wavebands, the other for the short waveband. Both amplifiers feed into four output sockets which are connected to 75 ohm distribution cables routed to interconnection Boxes in cabins and mess decks as required. Output sockets not in use are fitted with terminating resistor AP 105877. The final inter-connecting box on each output socket is fitted with a 75 ohm terminating resistor, NSN 5905-99-022-1095. Not more than 100 connections should be made from any one output socket.



COMMON AERIAL OUTFIT EAT(1)

MAJOR UNITS

- 5820-AP 105879 Cabinet Electrical Equipment containing
 - 5820-AP 105870 Amplifier, Signal Distribution A.C. (400 way)
 - 5820-AP 105875 Power Supply
- 5820-AP 105873 Interconnecting Box
- 5820-AP 105874 Cable Assembly R.F.

PHYSICAL DATA

	Height	Width	Depth	Weight
5820-AP 105870 Amplifier)	25 in	22 in	24 in	96 lb
5820-AP 105875 Power Supply)				
5820-AP 105873 Interconnecting Box	2 3/4 in	2 3/4 in	1 1/2 in	-

POWER SUPPLIES

100/125 V or 200/250 V, 50/60 Hz, 220 watts

HANDBOOK

BR 2360(1)

INSTALLATION SPECIFICATION

Equipment sponsored by DGS (DEE).

RESTRICTED