

MIL-C-18277B(WEP)
15 FEBRUARY 1961
SUPERSEDING
MIL-C-18277A(AER)
15 JANUARY 1956

MILITARY SPECIFICATION

COUPLER, ANTENNA CU-351(*)/AR
and
COUPLER, ANTENNA CU-509(*)/AR

This specification has been approved by the
Bureau of Naval Weapons, Department of the Navy.

1. SCOPE

*1.1 Scope - The equipment covered by this specification shall provide automatic tuning of typical fixed aircraft antennas and efficient transfer of RF power from the 52 ohm output of a 50-150 watt transmitter into such antennas.

*1.2 Classification - The equipment covered by this specification shall be of two types and shall consist of the following items:

<u>Items</u>	<u>Type Designation</u>	<u>Appl. Para.</u>
Coupler, Antenna	CU-351(*)/AR	3.4.1
Coupler, Antenna	CU-509(*)/AR	3.4.2
Mounting	MT-1223(*)/AR	3.4.1.2
Mounting	MT-1660(*)/AR	3.4.2.2

1.3 Associated Equipment - The equipment shall operate with the following associated equipment, which shall not be supplied as part of this equipment.

- (1) Transmitter Any transmitter with a 52 ohm output impedance yielding between 50 and 150 watts output.
- (2) Antenna Fixed, aircraft.

2. APPLICABLE DOCUMENTS

*2.1 General - The following documents of the issue in effect on the date of invitation for bids, form a part of this specification to the extent specified herein: