

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

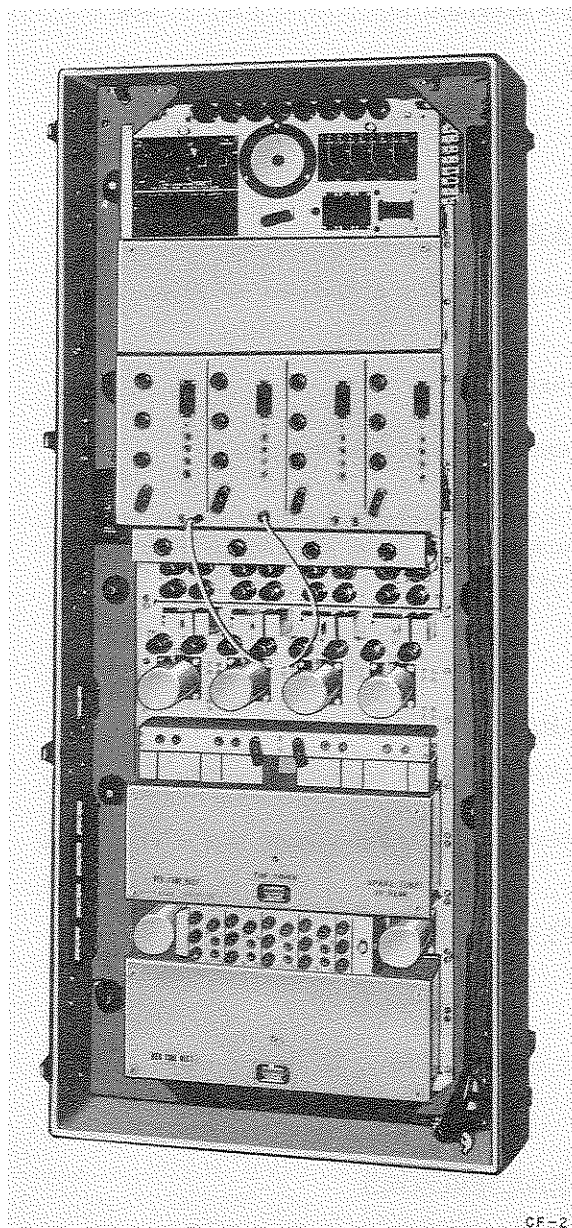
DATE OF THIS SHEET: 26 Jan 52

**AN/TCC-TYPE**

SERVICE TYPE NUMBER:

CF-2

TELEGRAPH TERMINAL



CF-2

Telegraph Terminal CF-2 is a transportable, four channel, v-f carrier terminal equipment used for two-way transmission of teletypewriter signals in each channel, and which operates over a channel of a carrier-telephone system derived by means of Telephone Terminal CF-1, Repeater CF-3, and associated equipment. It is used in spiral-four cable, or equivalent systems, serving division and higher headquarters.

This equipment consists of panel-mounted apparatus covering four channels, inclosed in a single cabinet; (CF-2-A, not illustrated here, consists of equivalent apparatus arranged in two cabinets but performing the identical service).

It can be installed adjacent to the carrier telephone terminal, but may be operated from a distant point over a two-wire circuit (between carrier telephone and telegraph bays) which has a net loss that does not exceed 8 db; or over any telephone circuit terminating on a two-wire basis (which has the required stability and freedom from interference) and the net loss of which does not exceed 25 db (at 500 - 2,050 cps).

Requires 200 to 250 w of 110-125 or 200-250-v ac.

<b>AN/TCC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-355
CF-2	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
TELEGRAPH TERMINAL		USING SERVICE : Army, Navy
		DATE OF THIS SHEET : 26 Jan 52

### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Telegraph Terminal CF-2-A (1 Bay of equipment) or	66 x 27-1/2 x 19	530
1	Telegraph Terminal CF-2-B (2 Bays of equipment)	66 x 19 x 27-1/2	560

### OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Telegraph (teletypewriter) carrier terminal facility at division and higher headquarters.

**INSTALLATION:** Ground, transportable, in fixed locations.

**MAXIMUM SYSTEM LENGTH:** 100 miles or more; depending upon quality of facility.

**CAN COMMUNICATE WITH:** Repeater, terminal, central-office and related station equipment and subsidiary apparatus, which operates in the same connecting facility in tactical wire or cable systems.

### TECHNICAL CHARACTERISTICS

**FACILITIES REQUIRED FOR TRANSMISSION:** Spiral-four cable or equivalent quality facilities.

**FACILITIES AFFORDED:** Two-wire or four-wire teletypewriter communication; four teletypewriter two-way channels.

**FREQUENCY:** 500 - 2,050 cps, 8 channels spaced 170 cps apart.

**TYPE OF MODULATION:** Am.

**POWER REQUIREMENTS:** 200 to 250 w, 100 - 125 v, or 200 - 250 v, 50/60 cyc, ac.

### PHYSICAL CHARACTERISTICS

Telegraph Terminal CF-2-A weighs 1,060 pounds net, volume 40.6 cu ft, 1 ship ton. Packed for export shipment: total weight 1,450 pounds, total volume 84 cu ft, 2 ship tons. Shipped in 2 packages.

Telegraph Terminal CF-2-B weighs 530 pounds net, volume 20.3 cu ft, 0.5 ship ton. Packed for export shipment: total weight 760 pounds, total volume 42 cu ft, 1 ship ton. Shipped in 1 package.