

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

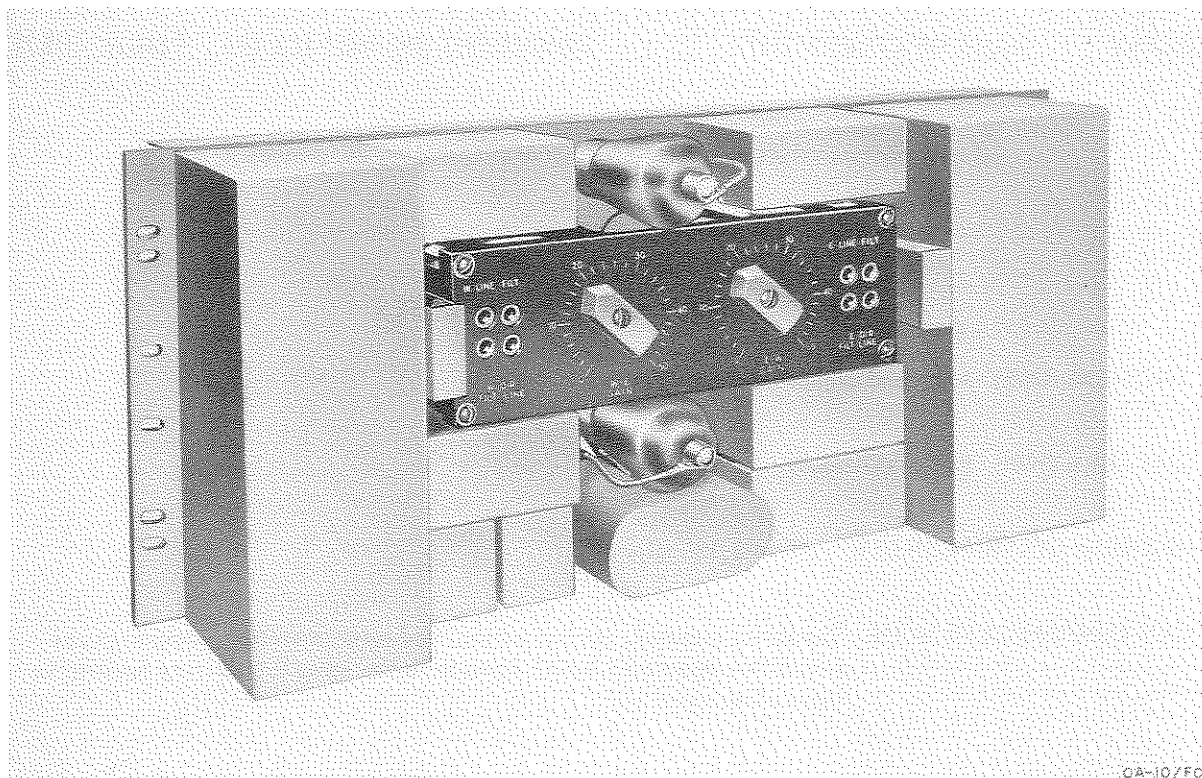
DATE OF THIS SHEET: 15 Feb 52

**AN/FTC-TYPE**

AN/COMP TYPE NUMBER:

OA-10/FC

CARRIER REPEATER



Carrier Repeater OA-10/FC is a single-channel, type H telephone and telegraph carrier-repeater equipment used to extend the range, in both directions, of transmission in a system operated in conjunction with Carrier Terminal OA-13/FC, or equivalent terminal apparatus. It is used at fixed station installations at army and higher headquarters.

This equipment consists of two amplifiers, two sets of line and filter jacks, and associated telephone apparatus mounted on a single rack panel which can be mounted in Cabinet CY-413/FC or CY-414/FC. It can be used in conjunction with radio relay and related terminal equipment in a system and can be installed at intermediate points of a section or facility.

It operates on 105-125 v ac.

<b>AN/FTC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-2025
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OA-10/EC	:AN/COMP TYPE NUMBER	USING SERVICE : Army
CARRIER REPEATER		DATE OF THIS SHEET: 15 Feb 52

**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN)	INSTALL ED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

**OPERATIONAL CHARACTERISTICS**

**TACTICAL USE:** Army and higher headquarters.

**INSTALLATION:** Fixed station.

**MAXIMUM SYSTEM LENGTH:** 150 to 1,135 miles.

**CAN COMMUNICATE WITH:** Repeater, terminal, central office, and related station equipment and subsidiary apparatus which operate in the same connecting facility in fixed plant systems.

**TECHNICAL CHARACTERISTICS**

**FACILITIES REQUIRED FOR TRANSMISSION:** Two-wire.

**FACILITIES AFFORDED:** Composit ed or simplex ed circuits.

**FREQUENCY:** 4 to 10 kc.

**POWER REQUIREMENTS:** 105 — 125 v, 50/60 cyc ac, 15 w.

**PHYSICAL CHARACTERISTICS**

Carrier Repeater OA-10/FC weighs 35 pounds net, volume 0.49 cu ft. Packed for export shipment: total weight 70 pounds, total volume 4.5 cu ft, 0.11 ship ton.