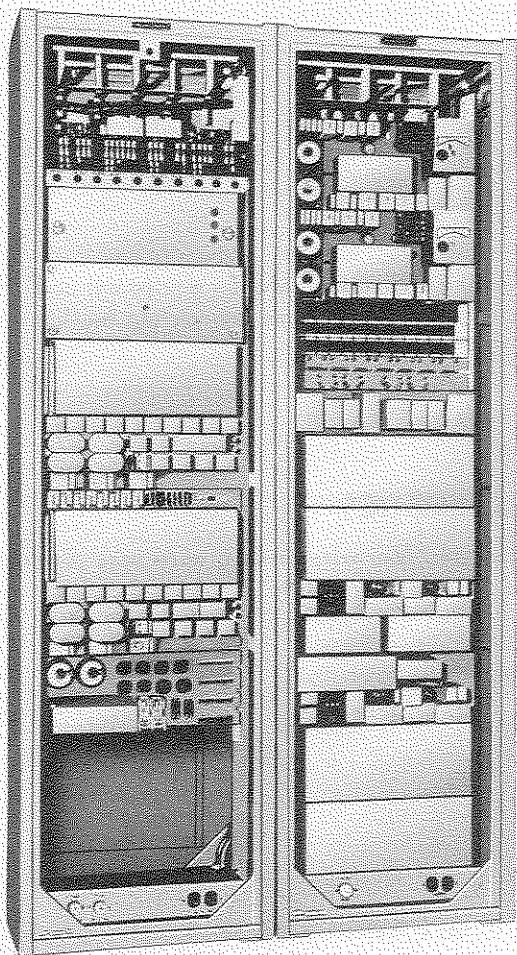


STATUS: Limited Standard  
 CLASSIFICATION OF EQUIPMENT: Unclassified  
 USING SERVICE: Army  
 DATE OF THIS SHEET: 18 Feb 52

**AN/FTC-TYPE**

AN/COMP TYPE NUMBER: OA-9/FC  
 CARRIER REPEATER



OA-9/FC

Carrier Repeater OA-9/FC is a fixed plant wire communication equipment used to superimpose three additional telephone channels on an existing physical open wire (or side-circuit) v-f telephone circuit. It is used at army and equivalent head-quarters.

This equipment consists of apparatus mounted on standard rack panels in two, floor type steel cabinets which are installed side by side.

It is installed in carrier terminals and can be used in systems to extend the operating range.

Operates on 105 - 125-v, 50/60 cyc, ac, or from batteries.

<b>AN/FTC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-2023
OA-9/FC	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
CARRIER REPEATER		USING SERVICE : Army
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Carrier repeater bay	22-1/4 x 17 x 84	1,080
1	Repeater line and power bay	22-1/4 x 17 x 84	1,080

### OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Army, communication zone and zone of interior.

**INSTALLATION:** Fixed ground.

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

### TECHNICAL CHARACTERISTICS

**FACILITIES REQUIRED FOR TRANSMISSION:** Open wire pair, four-wire circuit, open wire phantom circuit.

**FACILITIES AFFORDED:** Four v-f circuits, v-f telegraph system circuit.

**FREQUENCY:** 6 to 29 kc.

**TYPE OF MODULATION:** Am.

**POWER REQUIREMENTS:** 200 w, 105 - 125 v, 50/60 cyc, ac; 6 Batteries BA-34, 2 Batteries BA-8, and 10 Batteries BA-27.

### PHYSICAL CHARACTERISTICS

Carrier Repeater OA-9/FC weighs 1,080 pounds net, volume 42 cu ft. Packed for domestic shipment: total weight 1,570 pounds, total volume 75 cu ft, 1.9 ship tons. Shipped in 3 packages.