

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

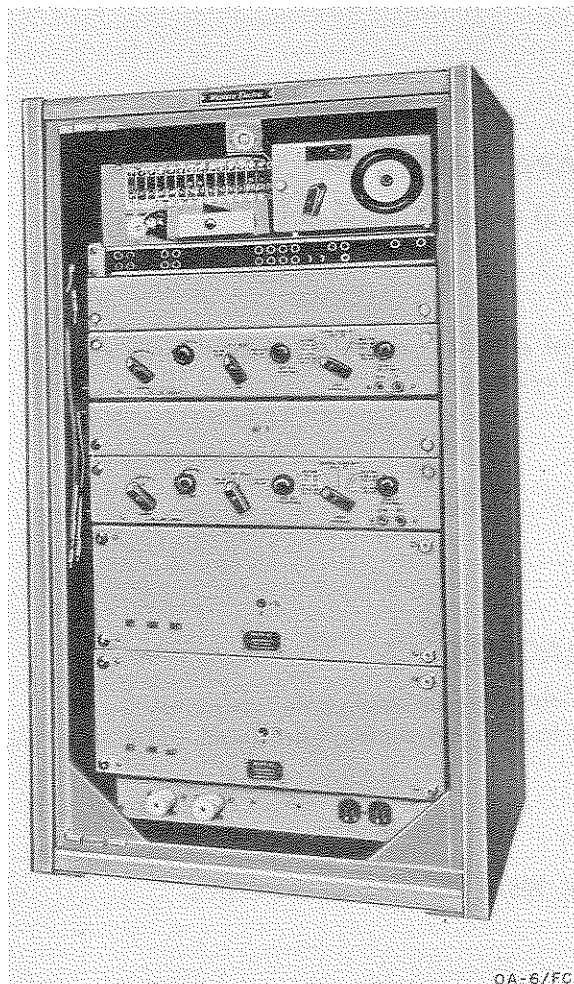
DATE OF THIS SHEET: 18 Feb 52

**AN/FGC-TYPE**

AN/COMP TYPE NUMBER:

OA-6/FC

TELEGRAPH REPEATER



Telegraph Repeater OA-6/FC is a packaged, d-c repeater equipment, used to extend the operating range of telegraph systems used for teletypewriter communication over composited open wire, or simplex open wire or cable facilities serving army and higher levels.

This equipment consists of two complete commercial (Western Electric X-61824) d-c telegraph repeaters and associated rectifiers, and may be adapted to various modes of transmission on both line and local sides, and has provision for connection of a monitoring printer.

It may be used as an intermediate, or a terminal repeater, and is used in conjunction with Regenerative Repeater OA-3/FC, Carrier Terminal OA-4/FC, and Carrier Terminal OA-5/FC in long distance telegraph systems.

Requires 420-w of 105 to 125-v ac.

<b>AN/FGC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-2034
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**MAJOR COMPONENTS**

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

**OPERATIONAL CHARACTERISTICS**

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

**INSTALLATION:** Fixed station.

**CAN COMMUNICATE WITH:** Repeater, terminal, central office and related equipment operating in fixed plant facilities and systems.

**TECHNICAL CHARACTERISTICS**

**NUMBER AND TYPE OF FACILITIES:** Line side: Polarential or 2-path polar operation.  
 Local extension (loop or drop) side: Neutral half for full-duplex, plus 2-path polar operation.  
 Jack for monitoring printer.

**POWER REQUIREMENTS:** Normal consumption 420 w, 105 ~ 125 v, 50/60 cyc source.

**PHYSICAL CHARACTERISTICS**

Telegraph Repeater OA-6/FC weighs 400 pounds net, volume 11 cu ft. Packed for export shipment: total weight 550 pounds, total volume 23 cu ft, 0.6 ship ton. Shipped in 1 package.