

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

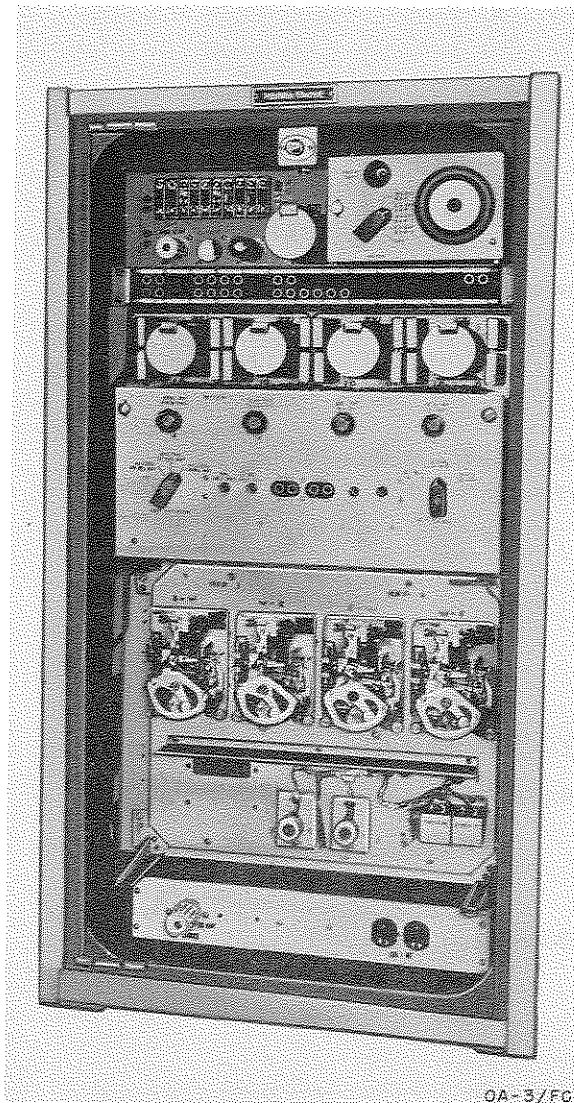
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AN/FTC-TYPE

AN/COMP TYPE NUMBER:

OA-3/FC

REGENERATIVE REPEATER



Regenerative Repeater OA-3/FC is an intermediate d-c, neutral only, repeater equipment used at points between two Telegraph Repeaters OA-6/FC in facilities serving army and higher headquarters.

This equipment consists of two panel-mounted d-c telegraph regenerative repeaters housed in a single floor-type cabinet. It re-forms, re-times, and re-transmits teletypewriter signals and enables operation in tandem of several line sections thus effectively increasing the over-all length (or operating distance) of a telegraph line circuit.

When operated in conjunction with carrier equipment it is used only with the d-c portion of the circuit.

Operates from 115 to 130-v ac.

AN/FTC-TYPE		INSTRUCTION LITERATURE: TM 11-2032
OA-3/FC	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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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, communications zone and zone of interior.

INSTALLATION: Fixed plant.

CAN COMMUNICATE WITH: Repeater, terminal, carrier, central office and station equipment and apparatus operating in the same facility.

TECHNICAL CHARACTERISTICS

NUMBER AND TYPE OF FACILITIES: Neutral half-duplex, neutral full-duplex, and neutral three-way.

POWER REQUIREMENTS: 150 w, 115 v, 50/60 cyc, 180 va ac, 130 v dc.

PHYSICAL CHARACTERISTICS

Regenerative Repeater OA-3/FC weighs 315 pounds net, volume 10 cu ft. Packed for export shipment: total weight 510 pounds, total volume 23.8 cu ft, 0.6 ship ton.