

AN/TCC-8 Telephone Repeater

Status: STD-B; NSN: 5805-00-333-9796

Reference: TM 11-2140-10

General Information

The AN/TCC-8 is an attended repeater used with AN/TCC-7 telephone terminal in a 12-channel carrier system over spiral-four cable. It provides equalization, amplification, and regulation of all signals in both directions. An orderwire is provided to allow the operator to talk to either terminal. The operator cannot monitor individual channels. An AN/TCC-8 is normally placed every 64 km (40 mi) in a 320 km (200 mi) system. The major components of the AN/TCC-8 are shown on the right. See AN/MCC-3.

Technical Characteristics

Number of Channels-----	12 plus an orderwire
Total Transmission Bandwidth-----	0.3 to 99 kHz
Line Side Operation-----	4-wire (both directions)
Frequency of Orderwire Signaling-----	1600 Hz
Line Impedance-----	135 ohms (both directions)
Power Requirement-----	115 or 230 V AC, 40 to 65 Hz
Power Consumption-----	895 W
Weight-----	210.9 kg (464 lb)

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