

## AN/TCC-7 and AN/TCC-50 Telephone Terminals

Status:     STD-B; NSN: 5805-00-503-1228 (AN/TCC-7)  
               STD-B; NSN: 5805-00-752-5588 (AN/TCC-50)

Reference: TM 11-2139-10

### General Information

The AN/TCC-7 provides 12 VF channels over nonloaded spiral-four cable and/or radio relay systems such as Radio Set AN/TRC-24 or AN/GRC-50. It provides quality circuits which may be used for telephone, teletypewriter, facsimile, or data transmission. AN/TCC-8 and AN/TCC-11 telephone repeaters are required for use with extended cable systems. The AN/TCC-50 can be used in radio systems only. Major components are shown on the right. The AN/TCC-50 is an AN/TCC-7 less Power Supply PP-826/U.

### Technical Characteristics

Number of Channels-----	12 VF (300 to 3500 Hz) or 8 VF and one 16 kHz special service, or 4 VF and two 16 kHz special service, or three 16 kHz special service, or one 48 kHz special service channel
Total Transmission Bandwidth:	
Cable-----	0.3 to 99 kHz
Radio-----	0.3 to 68 kHz
Line Side Operation-----	4-wire
Loop Side Operation-----	2- or 4-wire
Frequency of Orderwire Signaling-----	1600 Hz
Loop Impedance-----	600 ohms
Line Impedance-----	135 ohms
Power Requirement-----	115 or 230 V AC, 49 to 65 Hz
Power Consumption-----	710 W
Weight-----	368.2 kg (810 lb)

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