

AN/TCC-4 and AN/TCC-20 Telegraph Terminals

Status: STD-A; NSN: 5805-00-537-7387 (AN/TCC-4)
 STD-A; NSN: 5805-00-338-4451 (AN/TCC-20)

Reference: TM 11-5805-250-10

General Information

The AN/TCC-4 and the AN/TCC-20 provide frequency-shift telegraph signals at a maximum speed of 100 wpm within a VF channel 300 to 3100 Hz. These terminals provide for either a VF or DC type of loop circuit operation.

Major Components

AN/TCC-4	AN/TCC-20
1 Telegraph Modem TH-14/T	1 Telegraph Terminal Group
2 Telegraph Terminal Groups TH-13/T	TH-13/T
2 Telegraph Modem Assemblies TH-15/T	1 Telegraph Modem Assembly TH-15/T

Technical Characteristics

Number of Channels-----	4 (one AN/TCC-20, 2- or 4-wire)
	8 (two AN/TCC-20s*, 4-wire)
	8 (one AN/TCC-4, 2- or 4-wire)
	12 (one ea AN/TCC-4 and AN/TCC-20, 4-wire)
	16 (two AN/TCC-4s*, 4-wire)
Total Transmission Bandwidth-----	300 to 3100 Hz
Line Side Operation-----	2- or 4-wire VF
Loop Side Operation-----	2- or 4-wire VF or 200 mA DC
Maximum Modulation Rate-----	100 wpm (75 baud)
Frequency Shift-----	85 Hz
Channel Spacing-----	170 Hz center to center
Loop Impedance-----	600 ohms
Line Impedance-----	600 ohms
Power Requirement-----	115 or 230 V AC, 50 to 60 Hz
Power Consumption-----	600 W (AN/TCC-4, 8 channels) 240 W (AN/TCC-20)

*4-wire line only between terminals.

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