

AN/FCC-19 and AN/FCC-25 Telegraph Terminals

Status: STD-A; NSN: 5805-00-086-6135 (AN/FCC-19)
STD-B; NSN: 5805-00-960-5856 (AN/FCC-25)

Reference: TM 11-5805-337-12

General Information

The AN/FCC-19 and the AN/FCC-25 are FDM terminals which provide multichannel transmission and reception of telegraph or other binary data signals over VF transmission facilities. They are used in VF teletypewriter communications systems that provide multichannel communications over microwave tropospheric scatter, landline, or other telephone facilities. The AN/FCC-19 and AN/FCC-25 differ only in total channel capacity.

Technical Characteristics

Number of Channels:

AN/FCC-19-----16 full duplex

AN/FCC-25-----32 full duplex

Total Transmission Bandwidth:

AN/FCC-19-----3 kHz

AN/FCC-25-----6 kHz

Line Side Operation-----4-wire VF, FSK tones

Loop Side Operation-----10 to 100 mA DC, neutral or polar

Maximum Modulation Rate-----120 wpm (90 baud)

Frequency Shift-----85 Hz

Channel Spacing-----170 Hz center to center

Line Impedance-----600 ohms, send and receive

Power Requirement-----115 to 230 V AC, 50 to 60 Hz

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