

***TB 11-6625-238-35**

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

CALIBRATION PROCEDURE FOR TELEPHONE CARRIER SYSTEM TEST FACILITIES KIT MK-155/TCC (NSN 6625-00-603-9523)

**Headquarters, Department of the Army, Washington, DC
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REPORTING OF ERRORS

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*This technical bulletin supersedes TB 11-6625-238-35/1, 17 November 1967.

Section I. IDENTIFICATION AND DESCRIPTION

1. Test Instrument Identification. a. This bulletin provides instructions for the calibration of Telephone Carrier System Test Facilities Kit MK-155/TCC (fig. 1) The equipment being calibrated will be referred to as the "Test Instrument" throughout this bulletin.

b. The time required to perform this calibration is approximately 2 hours, using a dc low frequency technique.

2. Calibration Data Card. Calibration Data Card (DA Form 2416) will be annotated in accordance with instructions given in TM38-750 for this calibration. There are no adjustments on the Test Instrument. Deteriorating parts of this maintenance kit must be replaced when an out of tolerance condition is detected.

3. Calibration Description. Test Instrument parameters and performance specifications are listed in table 1.

Table 1 Calibration Description

Measuring Set	
Test instrument parameters	Performance specifications
Power source	200 vdc, 6.3 vac
Range	-6.0 to +6 dB
Accuracy	±0.3 dB per step, except increasing to ±0.8 at ±6 dB.
Frequency sensitivity	1000 Hz to 200 kHz.
Meter movement*	500 microamperes dc
Input impedance*	54,000 ohms
Matching Transformer Set	
Resistor accuracy	±1% and ±5%
Unassembled Parts	
Resistor accuracy	±1% and ±5%

*Not verified in this procedure.

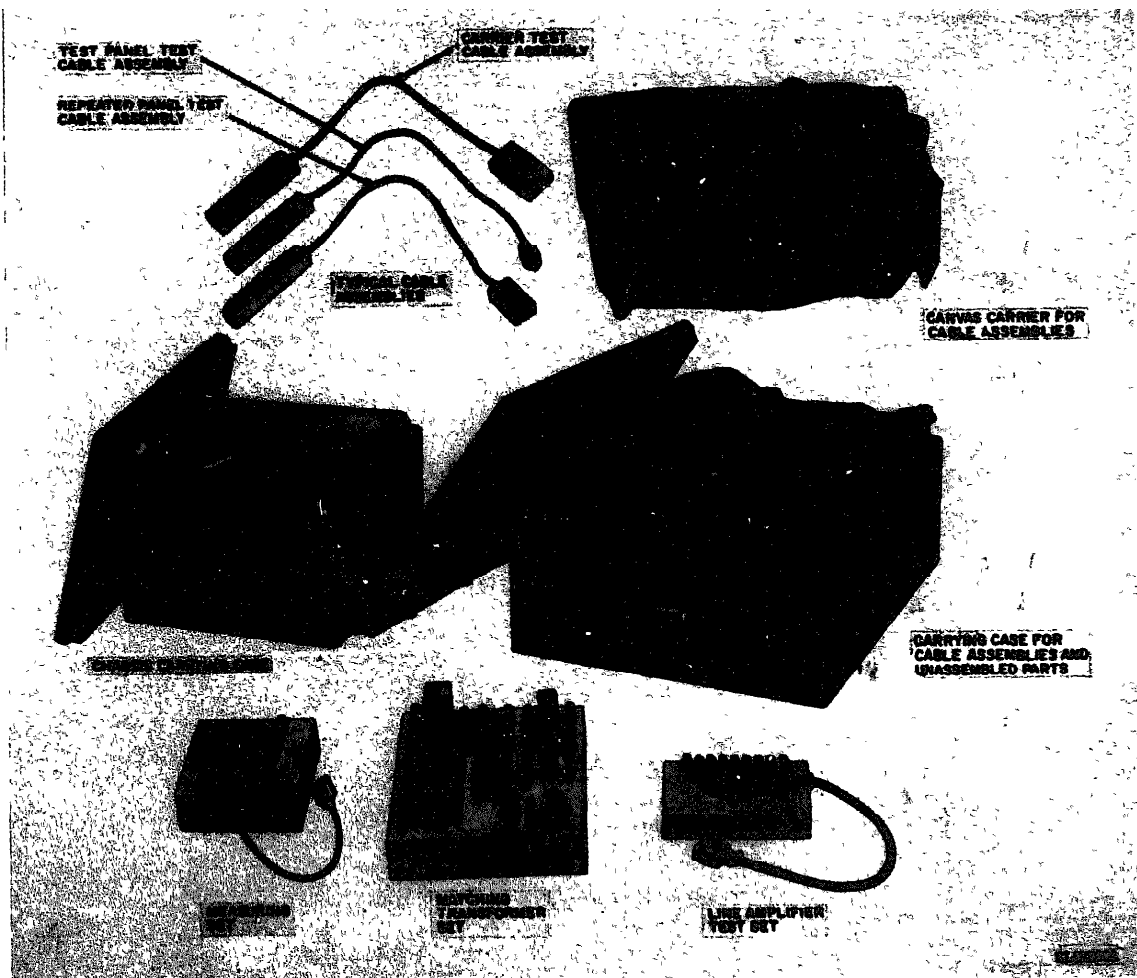


Figure 1. Telephone Carrier System Test Facility Kit MK-155/TCC