

Transmission Testing
Description and Operation of Testing Apparatus

~~ADDENDUM K30.22~~

Toll Test Room Operation
Description and Operating Principles
of Systems and Equipment

~~ADDENDUM E40.202~~
Issue 1, January, 1950
AT&TCo Standard

12-TYPE TRANSMISSION MEASURING SETS

1. GENERAL

1.01 This addendum is issued to cover the 12B transmission measuring set, which is a redesigned version of the 12A set. Since most of the information in Section A702.615 (also numbered E40.202 and K30.22) applies to both the 12A and 12B sets, its title should be changed to "12-type Transmission Measuring Sets."

(b) A metal panel with photo-etched markings is used instead of a phenol fiber panel with engraved markings.

(c) The 5 and 10 db key-inserted loss pads are "T" instead of "L" type.

1.03 The changes result in a simpler mechanical design and an improved impedance characteristic. The size and weight of the set remain the same. Fig. 1A shows the face of the 12B transmission measuring set.

Features of 12B Transmission Measuring Set

1.02 The essential differences between the 12A and 12B sets are as follows: In the 12B set:

1.04 In addition to the standard 12A and 12B, several hundred sets of intermediate designs, incorporating various of the above changes, including one lot with meters in black plastic cases, are in the field.

(a) A Western Electric meter, type AA3D, which has a clear thermoplastic case, is used instead of a Weston Model 643 microammeter.

Use of 12B Transmission Measuring Set

1.05 The method of use of the 12B set and of the various intermediate designs is the same as for the 12A.



Fig. 1A - 12B Transmission Measuring Set