

KEY PULSING SET
FOR ESTABLISHING CONNECTIONS TO
SUBSCRIBER LINES BY MF KEY OPERATION
EQUIPMENT DESIGN REQUIREMENTS
NO. 1 CROSSBAR SYSTEM

1. GENERAL

Scope

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the framework, equipment, and circuit to be used in the manufacture of a portable key pulsing set for use in No. 1 crossbar offices.

Description

1.02 The key pulsing set is a portable set assembled in a standard-type all-aluminum housing consisting of a panel assembly on which the equipment is mounted, and a casing to enclose the equipment and wiring located on the underside of the panel. A cover is provided to protect the equipment when the set is not in use. A handle is located on top of the cover for convenience in carrying the set. The over-all dimensions of this set are approximately 8" long, 7" wide, and 6-1/2" high. The set may be located on the steps of a rolling ladder, if desired, and fastened to the ladder by means of a ladder strap.

1.03 The key pulsing set provides means for establishing connections to subscribers' line equipment for message register testing through the use of mf terminating senders. Connections to the line to be tested are accomplished by patching between the (KS) jack in the pulsing set and the (TRK) jack of the associated circuit and by means of an 8-conductor cord equipped with a Jones plug and socket which connects the pulsing set keys to the mf connector of the frame mounted equipment. A (TEL) jack is provided in the set for monitoring on the connection by means of a hand test telephone set. When these connections are completed, the associated mf terminating sender is ready to receive key pulses. The (KP) key of the set is then operated long enough to insure registration in the sender. The numerical keys of the set are then operated, as required, followed by operation of the (ST) key in the set, if required, to insure registration of the signal in the sender.

1.04 The patching cords per Figs. 26 and 27 of circuit SD-25352-01, Issue 13 are furnished as a part of the key pulsing set.

Subdivisions Of Equipment

J27060A (AT&TCo Std.) - Key Pulsing Set

2. SUPPLEMENTARY INFORMATION

816-000-000 - No. 1 Crossbar System Index

3. DRAWINGS

Circuit

SD-25352-01 - Key Pulsing Set

Equipment

ED-26828-01 - Equipment and Assembly
ED-91107-01 - Ladder Straps

4. EQUIPMENT

J27060A (AT&TCo Std.) - Key Pulsing Set

Equipment - ED-26828-01

List 1 - Framework, assembly, wiring, and equipment for one key pulsing set per SD-25352-01

	<u>Wire</u>	<u>Equip</u>	<u>Notes</u>
Test Set Framework, ED-26828-01		1	See
Key Pulsing Set, SD-25352-01, Fig. 24	1		A, B, C

Notes

- A. The key pulsing set shall be wired with No. 22 gauge "BG" wire.
- B. The following patching cords shall be furnished as a part of this set:
 - One - 3P6F cord
 - One - P8B cord
 - Equipped with
 - One - KS-8585, L10 Jones plug on one end and
 - One - KS-8586, L7 Jones socket on the other end
- C. A detachable ladder strap per ED-91107-01, group 4, may be obtained for use with this set. When used, it

shall be attached to the handle on one end of the set when the set is placed on a ladder step and passed around one side of the ladder and fastened to the handle on the opposite end of the set

in such a manner as to securely hold the set in place on the ladder step. This strap is not furnished with the test set and, if desired, must be ordered separately.

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