

18A1 DATA MOUNTING IDENTIFICATION

1. GENERAL

1.01 This section covers the physical dimensions, weight, major components, and uses of the 18A1 Data Mounting (Fig. 1). This data mounting houses the AR-type circuit packs that make up the 8-trunk size line and switch module of the data line concentrator. The AR-type circuit packs are not supplied as part of the data mounting and therefore must be ordered separately. The fully equipped 18A1 Data Mounting, when used in conjunction with the 21A1 and 23A1 Data Mountings, will provide for the connection of 32 line circuits to 8 trunk circuits. Up to four 18A1 Data Mountings may be interconnected with each providing connection of 32 line circuits to the original 8 trunks.

1.02 The 18A1 Data Mounting consists of the following:

- (a) One 59C apparatus mounting
- (b) Four 258A ferreed switches (for connection of the line circuits to the trunk circuits)
- (c) Three B-146674 connector assemblies (for connection of the 18A1 to the 23A1 and the line circuits)

(d) Two 908A connectors (for connection of the 18A1 to another 18A1 and the 21A1 or to two other 18A1 Data Mountings)

(e) Sixteen 927A connectors (for connection of the AR-type circuit packs to the 18A1)

(f) Two 18A fuse blocks.

1.03 The 18A1 Data Mounting is 9 inches high, 25 inches wide, 11-1/4 inches deep, and weighs approximately 42 pounds.

1.04 Detailed information for the 18A1 Data Mounting is covered in the following Bell System Practices:

SECTION	TITLE
591-811-Series	Data Line Concentrator System

1.05 The following schematic drawing and circuit description include information which pertains to the 18A1 Data Mounting:

SD- & CD-73055-01 Data Systems—Data Concentrator

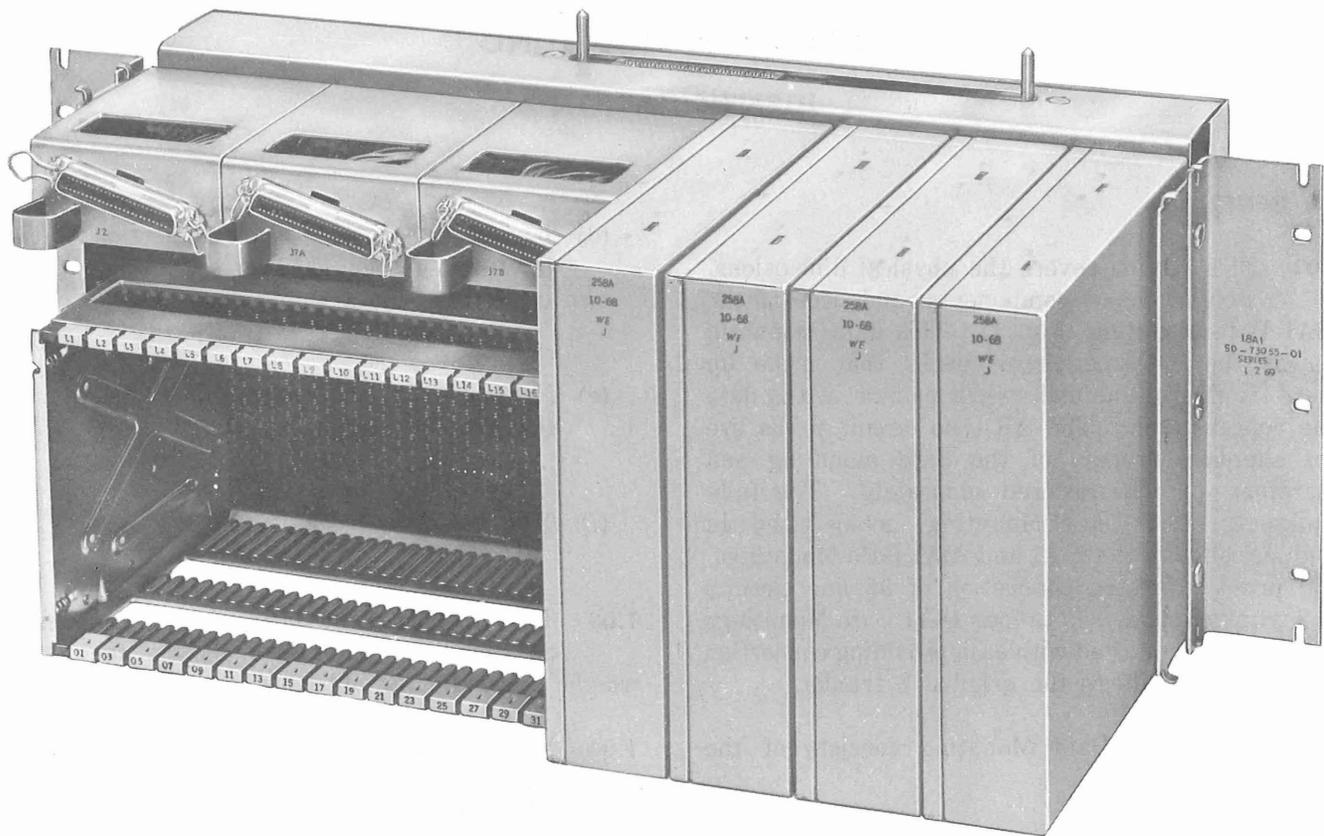


Fig. 1—18A1 Data Mounting