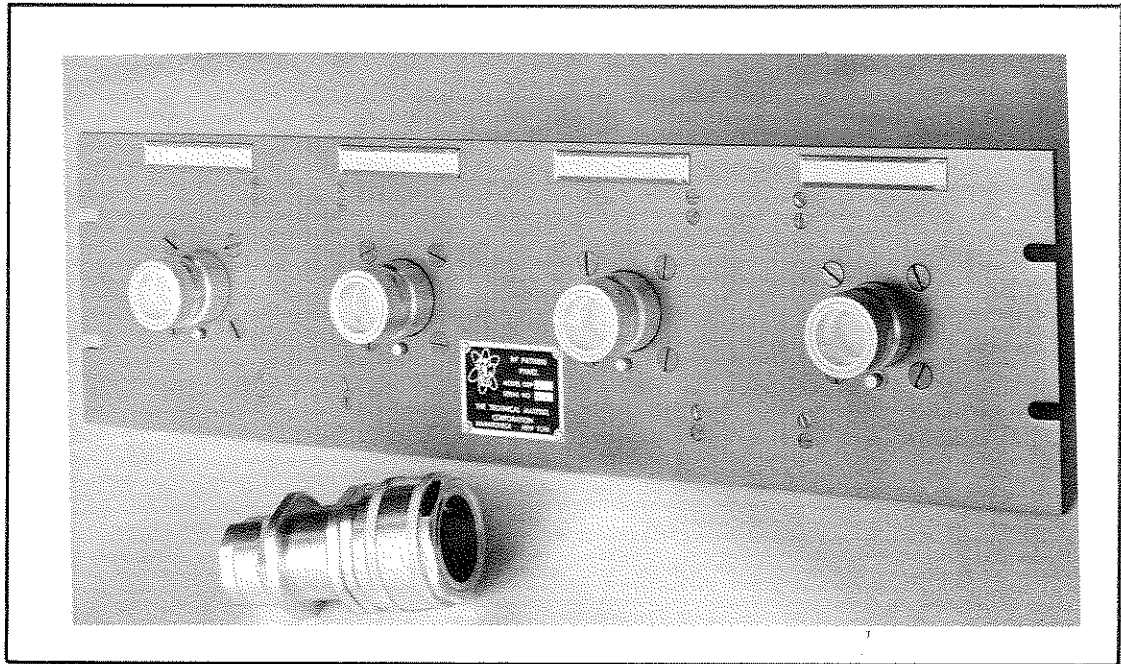
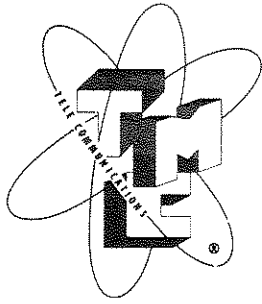


SALES SERVICE BULLETIN NUMBER 197

RF Patch Panel Assemblies, Models QDP



Model QDP-1S4 W/ PL-136

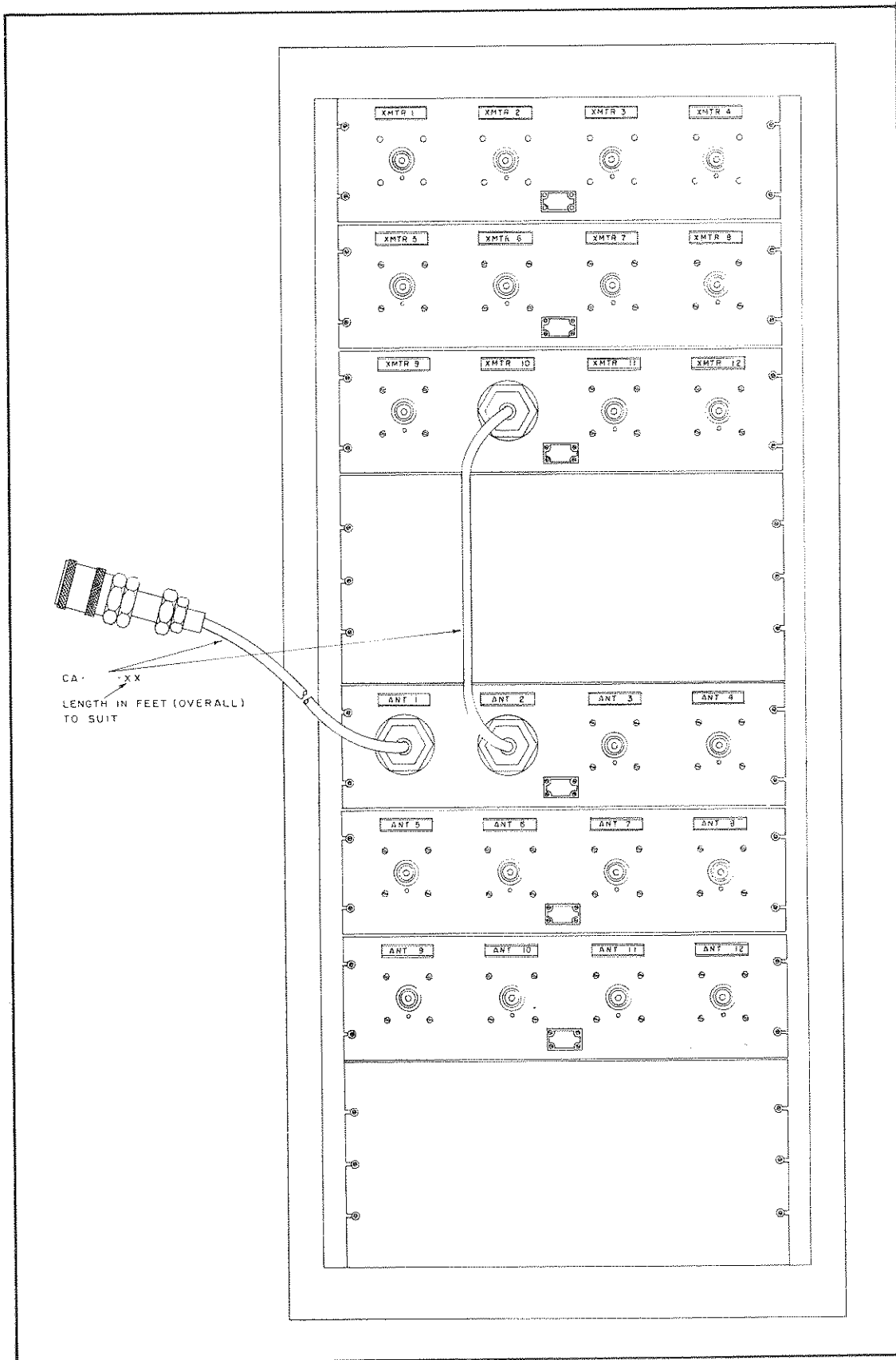
The TMC Series QDP RF Patch Panel Assemblies were designed to utilize the new Quick-Disconnect Series of coaxial connectors for use in transmitting and receiving patching schemes. The series consists of two major categories, the series QDL (large) and QDS (small). The QDL connectors are for operation, respectively with 10,000 volt peak power cables, such as RG-17, 18, 34, 35 and 164/U. The QDS connectors are for use with the smaller, 4,000 volt cables such as RG-8, 10, 11, and 12/U.

Models QDP-2 adapt from larger to smaller cable types. This arrangement permits connection to the panel directly from an antenna system using underground cable and reduces to the more flexible RG-11/U for inside connections.

The Models QDP are available in a number of series, as follows:

QDP-1	QDL to QDL
QDP-2	QDL to QDS
QDP-3	QDS to QDS

The following illustrates standard Models available and the method by which nomenclature is constructed to suit particular requirements. Any special arrangement can be provided upon request.



Typical Patching System Using Six Models QDP-1S4 and CA-323-L4 Cables

STANDARD MODELS QDP

MODEL	DESCRIPTION
QDP-1S4(A)	QDL to QDL, 4 connections w/switches, w/o plugs.
QDP-14(B)	QDL to QDL, 4 connections, w/o switches, w/8 each PL-136.
QDP-1S4(B)	QDL to QDL, 4 connections, w/switches, w/8 each PL-136.
QDP-24(A)	QDL to QDS, 4 connections, w/o switches, w/o plugs.
QDP-24(B)	QDL to QDS, 4 connections, w/4 each PL-136 and 4 each PL-149.
QDP-38(A)	QDS to QDS, 8 connections, w/o switches, w/o plugs.
QDP-3S8(B)	QDS to QDS, 8 connections, w/switches, w/8 each PL-149.

QDP PANEL ASSEMBLY NOMENCLATURES

<u>QDP</u>	<u>2</u>	<u>S</u>	<u>4</u>	<u>A</u>
Basic Titles	Series	Switches (if any)	Number of connections per panel	A-without plugs B-with plugs

Where the letter "S" is included in the panel assembly nomenclature, a set of DPST switches are provided which are actuated by a plunger type contact upon connection of the plug as follows:

PL-136	QDL straight plug, u/w RG-35 or 164/U. Equivalent to UG-1020/U.
PL-141	QDL right angle plug. Equivalent to UG-1061A/U.
PL-149	QDS straight plug, u/w RG-8, 10, 11, 12/U. Equivalent to UG-968/U.

Patching cable assemblies are available in various lengths for use in interconnecting QDP panels. The cable consists of flexible cable with appropriate connectors on each end. For special applications, such as QDS to UHF, QDL to LC, etc, assemblies can be made upon request.

The basic part number for these cables is CA-323. The part number is followed by an "L" if QDL, or by "S" if QDS, then by a figure indicating the length in feet, i.e., CA-323-S4 is a cable with QDS plugs, four feet in over-all length.

PHYSICAL SPECIFICATIONS

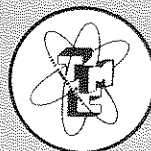
SIZE	UNIT 19" wide x 5-1/4 high	PACKED 1 cu. ft.
WEIGHT	6 lbs.	15 lbs.

THE TECHNICAL MATERIEL CORPORATION

700 FENIMORE ROAD

MAMARONECK, NEW YORK

CABLE
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