

# MOTOROLA

## TEST CABLE

FOR "MICOR"<sup>®</sup> MOBILE RADIO SETS  
MODEL TEKA-72A



### 1. DESCRIPTION

The TEKA-72A consists of a 7-conductor cable with a 7-contact male connector plug at each end. One connector is RED. The other connector has a natural aluminum finish.

The TEKA-72A is used as an "interface" or adapter cable to connect between a "Micor" mobile radio set and the TEK-5B or TEK-5C Test Bench Metering Panel as modified through the addition of a TEK-40 Conversion Kit. Two TEKA-72A Cables are required for this purpose.

The TEKA-72A Cable can also be used as a replacement for either of the two cables which are part of TEK-37 or TEK-37A Test Set Adapter which is used with the Motorola Portable Test Set.

### 2. APPLICATION

One TEKA-72A Cable is used as a CONTROL cable. The RED connector plug on this cable mates with the CONTROL socket on the "Micor" radio set.

#### NOTE

Modify the RED plug on this cable by clipping off Pin No. 3. This must be done so that the "Micor" CONTROL socket will accept this plug.

The plug at the other end of this cable (natural aluminum finish) mates with the CONTROL receptacle at the test set or meter panel.

A second TEKA-72A Cable is used as a METERING cable. As such, it can be used in its original state without modification. For this purpose, the RED plug mates with the METERING receptacle at the test set or meter panel. The plug at the other end (natural aluminum finish) is used for metering the various circuit boards in the "Micor" radio set.



**MOTOROLA INC.**

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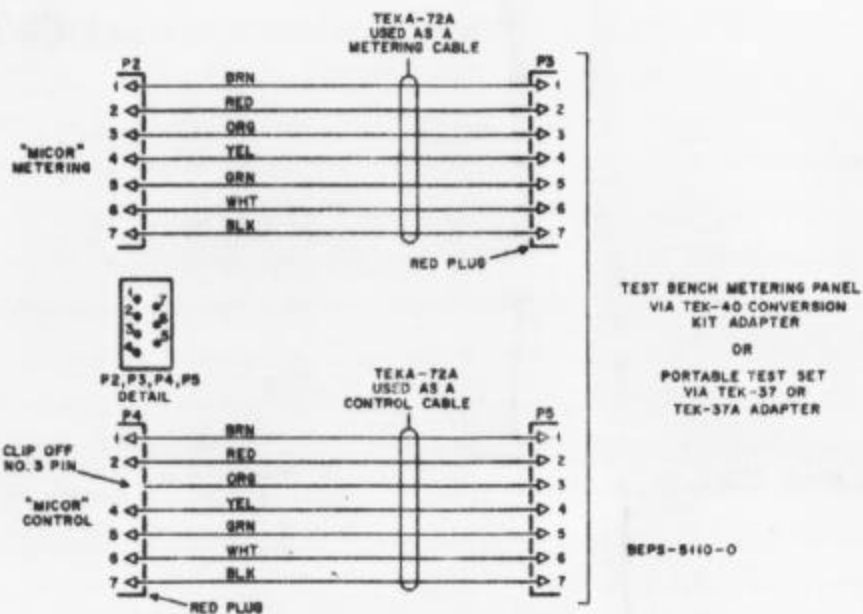
**Communications Division**

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REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
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## PARTS LIST

### IMPORTANT

USE ONLY THE FOLLOWING MOTOROLA PART NUMBERS WHEN ORDERING REPLACEMENT PARTS

TEKA-72A Test Cable

PL-1228-A

P2, 5	1P84258C54	CONNECTOR, plug; male; 7-contact (CLEAR); includes heatshrink sleeving, connector shell, cable clamps and screws
P3, 4	1P84258C55	male; 7-contact; (RED) includes heatshrink sleeving, connector shell cable clamps and screws
W1, 2	30C64597B01	CABLE, special purpose; 7-conductor; each conductor No. 20 gauge, stranded; 4 ft. length required

TEKA-72A Cable  
Schematic Diagram & Parts List  
Motorola No. BEPS-5110-A  
4/20/72-NPC