



MOTOROLA INC.

Communications
Sector

METERING CABLE

MODEL RTK-4043A

INTRODUCTION

The RTK-4043A kit is designed to permit testing of the Micor series mobile radios with the R-1033A radio test set or with RTL-4118A/RTL-4119A test set modules.

DESCRIPTION

The RTK-4043A Metering Cable consists of a "V" cable assembly with a 37 position female plug at the center of the "V" and a 7-conductor control cable terminated in a 7-contact male connector plug (RED) at one end and a 7-conductor meter cable terminated in a 7-contact male connector plug (CLEAR) at the other end.

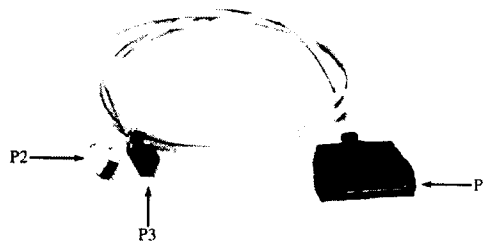


Illustration #1

NOTE: Pin No. 3 is clipped off the RED 7 contact male connector plug. This is done so that the "Micor" CONTROL socket will accept this plug.

INTERCONNECT TABLE

P1 37 POS FEMALE	P2 7 PIN MALE (CLEAR)	P3 7 PIN MALE (RED)	WIRE COLOR
W1, 7 CONDUCTOR CABLE			
10	1		BRN
8	2		RED
6	3		ORG
5	4		BLU
4	5		GRN
32	6		WHT
31	7		BLK
14 } JUMPER			
24 }			
W2, 7 CONDUCTOR CABLE			
2		1	BRN
15		2	RED
		3 (CUT OFF)	NO CONNECTION
35		4	BLU
22		5	GRN
25		6	WHT
23		7	BLK
ALL OTHERS UNUSED			

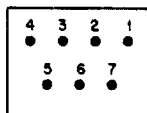


Illustration #2
P2 and P3
Viewed From Front

PARTS LIST

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
P1		CONNECTOR ASSEM. CONSISTS OF:
	15-80389A55	HOUSING, CONN (37 POS "D")
	39-84257L01	CONTACT (15 PER)
	15-80389A58	HOOD, CONNECTOR
	33-80394A30	LABEL
P2	01-84258C54	CONNECTOR, PLUG: MALE; 7-CONTACT (CLEAR); INCLUDES HEATSHRINK SLEEVING, CONNECTOR SHELL, CABLE CLAMP AND SCREWS
P3	01-84258C55	CONNECTOR, PLUG: MALE; 7-CONTACT (RED) INCLUDES HEATSHRINK SLEEVING, CONNECTOR SHELL, CABLE CLAMP AND SCREWS
W1,W2	30-80389A49	CABLE; 7 CONDUCTOR, LENGTH 50" (2 PER)

CAUTION

The RTK-4043A Metering Cable is not compatible with MSR2000 series base stations, because receiver "Audio Hi" is grounded through this cable at the radio test set, R-1033A. Servicing the MSR2000 series receiver requires the use of an adapter, RTL-4130A. This adapter is placed between the control socket, J2, of the base station and the RED control plug of the RTK-4043A.

END OF DOCUMENT