



MOTOROLA INC.
Communications
Sector

METERING CABLE

MODEL RTK-4047A

INTRODUCTION

The RTK-4047A kit is designed to permit testing of the Micor series fixed stations with the R-1033A radio test set or with the RTL-4118A/RTL-4119A test set modules.

DESCRIPTION

The RTK-4047A 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 female connector plug (BLUE-22 position) at one end and 7-conductor meter cable terminated in a 7-contact male connector plug (CLEAR) at the other end.

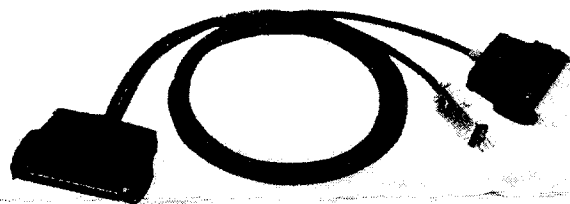


Illustration #1

APPLICATION

The radio test set switches should be set in the following positions while testing Micor series fixed stations:

Module	Meter	Ref A/Ref B	Rev/Norm	Receiver/Transmitter
Receiver	1 thru 5	A or B	Rev	Receiver
Power Amplifier	1 thru 4	A	Rev	Transmitter
	5	B	Rev	Transmitter
Power Control	1 thru 3	A	Norm	Transmitter
	4		Not Metered, Ignore	Reading
	5	B	Rev	Transmitter
Exciter	1 thru 5	A	Norm	Transmitter

Refer to the fixed station manual for meter readings.

**THIS MANUAL HAS BEEN
DISCONTINUED**

INTERCONNECT TABLE

P1 37 POS. FEMALE	P2 7 PIN MALE (CLEAR)	P3 22 POS. FEMALE (BLUE)	WIRE COLOR
10.....	1		BRN
8.....	2		RED
6.....	3		ORG
5.....	4		BLU
4.....	5		GRN
32.....	6		WHT
31.....	7		BLK
15.....	1		BLK
2.....	5		BRN
25.....	12		RED
27.....	15		ORG
22.....	16		GRN
35.....	21		BLU
34 JUMPER			
26 JUMPER			
14 JUMPER			
24 JUMPER			

PARTS LIST

REFERENCE SYMBOL	MOTOROLA PART NO.	DESCRIPTION
P1	15-80389A55 39-84257L01 15-80389A58 33-80394A30	CONNECTOR ASSEM. CONSISTS OF: HOUSING, CONN. (37 POS "D") CONTACT (17 PER) HOOD, CONNECTOR LABEL
P2	01-84258C54	CONNECTOR, PLUG: MALE: 7-CONTACT (CLEAR) INCLUDING HEATSHRINK SLEEVING, CONNECTOR SHELL, CABLE CLAMP AND SCREWS.
P3	14-84556B02 09-84151B03 15-80389A85	CONNECTOR ASSEM. CONSISTS OF: HOUSING, CONN. BLUE CONTACT (6 PER) HOOD, CONNECTOR
W1, W2	30-80389A49	CABLE, 7-CONDUCTOR, 6 FT

END OF DOCUMENT