

Multicoupler Expansion Deck

60-960MHz

8-Way Expansion Deck for Receiver Multicouplers

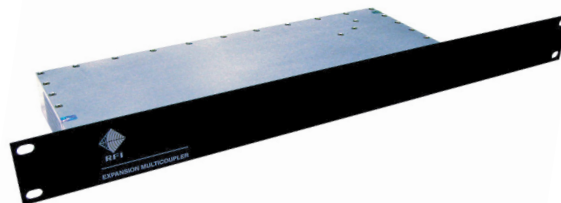
RX0696-3008-31B



The RX0696-3008-31B is a broadband expansion multicoupler unit used for expanding VHF, UHF or 7/8/900MHz Receiver Multicoupler systems up to 128 channels in capacity.

This unit is a passive RF signal divider using a one-in-eight-out design configuration using BNC connectors on all ports, and is supplied in a 1RU 19in rack mount housing for convenience of installation.

The use of this unit is outlined in the Receiver Multicoupler Application Note and also in the TTA/RMC User Manuals.



FRONT VIEW



REAR VIEW

Features:

- Facilitates port expansion of receiver multicouplers
- Compatible for use with VHF, UHF and 7/8/900MHz receiver multicouplers
- Used for both analogue and digital technologies
- Easy retro-fittable expansion
- 1RU 19" rack mountable

Technical Specifications

Model Number	RX0696-3008-31B
Frequency range	60-960MHz
Insertion Loss: RF Outputs 1-8	10.5 ± 0.5dB
Insertion Loss variation with temperature	± 0.2dB
Impedance	50 Ω
Input return loss	> 14dB
Output return loss	> 14dB
Isolation between ports	> 20dB
Maximum input level	+24dBm
RF termination connectors	BNC (F)
Operating temperature range	-30° to +60° C / -22° to +140° F
Earthing	M6 earthing stud
Mounting	1RU 19" rack mount
Dimensions	483x117x44mm / 19x4.6x1.75" (incl conn)
Weight	1.3kg / 2.86 lbs
Compliance	RoHS

Note 1. Supplied with 1 x BNC (M) to BNC (M) RG142 jumper cable

Ordering Information

Motorola E-CAT No.	RFI Part Number	Description
DSRX0696300831B	RX0696-3008-31B	Receiver Multicoupler Expansion Unit, 60-960MHz, 8way, BNC, 1RU