

Receive multicoupler

N-type terminated

VHF 136-174 or UHF 350-520MHz

A multicoupler combines the input of multiple external receive signals from a single antenna. Suitable for re-broadcast applications.

The 'RX' ports on the rear connects to the receiver/s and the 'ANT' port connectors to the duplexer low port or the receive antenna.

Consult ZCG on your specific requirements if you cannot see a solution below.



Specifications	2 Channel	3 Channel	4 Channel	8 Channel
Construction	Black powdercoated outer case with 3-9 chrome terminations			
Frequency range	VHF 136-174MHz or UHF 350-520MHz - or specify requirements			
Order Code VHF	RXMUX-136-174-2	RXMUX-136-174-3	RXMUX-136-174-4	RXMUX-136-174-8
Order Code UHF	RXMUX-350-520-2	RXMUX-350-520-3	RXMUX-350-520-4	RXMUX-350-520-8
Bandwidth	5MHz			
Ports	2	3	4	8
Gain	≥15dB	≥13.5dB	≥12dB	≥8dB
Rejection	Typical +7MHz ≥23dB - ≥80dB high isolation can be customised			
VSWR	<1.5:1			
Impedance	50 Ohms			
Noise figure	0.61dB			
Power input	12V DC via phoenix termination / 12V DC via RS232 serial connector / 220V AC with 3-pin detachble power lead / 220V AC with fixed cable			
Input connector	N-type female			
Output connector	2 x N-type female	3 x N-type female	4 x N-type female	8 x N-type female
Operating temperature	-25°C to +55°C			
Weight	5.5kg			
Dimensions	Width: 482.6mm, Depth: 300mm, Height: 88mm			



RS232 serial termination



3-pin detachable 220V mains power termination with on/off switch



12VDC Phoenix termination