

Receive multicoupler

N-type terminated 19" rack mountable

VHF 136-174 MHz or UHF 350-520 MHz



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

The 'RX' ports 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.



RXMUX-136-174-4 model in 1RU dimensions
RXMUX-136-174-8 will be 2RU dimensions

	2 Channel	3 Channel	4 Channel	8 Channel
Construction	Black powdercoated outer case and mounting plate with 3-9 nickel plated terminations and specified power termination			
Frequency range	VHF high band 136-174 MHz or UHF 350-520MHz - or specify requirements			
SKU: VHF models	RXMUX-136-174-2	RXMUX-136-174-3	RXMUX-136-174-4	RXMUX-136-174-8
SKU: UHF models	RXMUX-350-520-2	RXMUX-350-520-3	RXMUX-350-520-4	RXMUX-350-520-8
Bandwidth	<5 MHz - specify on order			
Ports	2	3	4	8
Gain	≥15 dB	≥13.5 dB	≥12 dB	≥8 dB
	Models available in variable/adjustable gain 0-30dB configuration - specify on order			
Rejection	Typical +7 MHz ≥23 dB - ≥80 dB high isolation can be customised			
VSWR	<1.5:1 - 1.22:1 - depending on model			
Impedance	50 Ohms			
Noise figure	0.61-2 dB - depending on model			
Power input	12V DC via phoenix termination / 12V DC via RS232 serial connector / 220V AC with 3-pin detachable 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	-20°C to +55°C			
Weight	5.0- 5.5kg - depending on model			
Dimensions	1RU: 482.6mm x 300mm x 44mm			2RU: 482.6mm x 300mm x 88mm



RS232 serial termination



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



12VDC Phoenix termination