

XRM-38-PP Series

Our Expandable Receiver Multicouplers are simple and compact. They are available in 2, 4, 8, 12, and 32 port configurations. This is an affordable means of combining multiple RX frequencies onto the same antenna. We offer three mounting versions: our standard 19" rack, or a cavity mounted version. Each unit consists of a power splitter and an RF amplifier. Every Expandable Receiver Multicoupler has the optional plug-in power supply.

- Design
 - Simple and cost effective
- Mounting
 - 19" rack mount (RM)
 - Cavity mount (CM)
- Optional 100-240 VAC power supply (PS)



Electrical Specifications	XRM-38-02	XRM-38-04	XRM-38-08	XRM-38-16	XRM-38-32
Frequency Range, MHz	380-512	380-512	380-512	380-512	380-512
Pass Band, MHz	3-10	3-10	3-10	3-10	3-10
Number of Channels	2	4	8	16	32
RX/RX Isolation, dB	23+	23+	23+	23+	23+
Amplifier Gain, dB	Maximum gain 32 dB, Adjustable gain between 1-32 dB	Maximum gain 32 dB, Adjustable gain between 1-32 dB	Maximum gain 32 dB, Adjustable gain between 1-32 dB	Maximum gain 32 dB, Adjustable gain between 1-32 dB	Maximum gain 32 dB, Adjustable gain between 1-32 dB
Amplifier Noise Figure, dB	1.3 Typical (1.5 Maximum)	1.3 Typical (1.5 Maximum)	1.3 Typical (1.5 Maximum)	1.3 Typical (1.5 Maximum)	1.3 Typical (1.5 Maximum)
Amplifier Bias Voltage, VDC	+13-28	+13-28	+13-28	+13-28	+13-28
Amplifier Current Draw, mA	130	130	130	130	130
Nominal Impedance, Ohms	50	50	50	50	50
Max VSWR	1.25:1	1.25:1	1.25:1	1.25:1	1.25:1
Temperature °C	-40 to +60				
Mechanical Specifications	XRM-38-02	XRM-38-04	XRM-38-08	XRM-38-16	XRM-38-32
Mounting	RM / CM				
Connectors (Optional)	N-F (BNC)				
Weight, lbs	5-12	5-12	5-12	5-12	5-12

* See appendix for ordering information (Page 241)