

RECEIVER MULTICOUPLER

138-225MHz

XRM-FF-PP Series

Comprod Inc. Xpandable Receiver Multicouplers are simple and compact. They are available in 2, 4, 8, 12 and 16 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, a tray mounted or a cavity mounted version. Each unit consists of a power splitter and an RF amplifier. Every Xpandable Receiver Multicoupler has the optional plug-in power supply.

- **Design**

- Simple and cost effective

- **Mounting**

- 19" rack mount (RM)
- Cavity mount (CM)
- Tray mount (TRM)

- **Optional 100-240 VAC power supply (PS)**



Electrical Specifications	XRM-13-02	XRM-13-04	XRM-13-08	XRM-13-16
Frequency Range, MHz	138-225	138-225	138-225	138-225
Pass Band, MHz	3-8	3-8	3-8	3-8
Number of Channels	2	4	8	16
Rx/Rx Isolation, dB	23+	23+	23+	23+
Amplifier Gain, dB	18	18	18	18
Amplifier Noise Figure, dB	1.9	1.9	1.9	1.9
Amplifier Bias Voltage, VDC	+13-28	+13-28	+13-28	+13-28
Amplifier Current Draw, mA	130	130	130	130
Nominal Impedance, Ohms	50	50	50	50
Max VSWR	1.25:1	1.25:1	1.25:1	1.25:1
Temperature °C	-40 to +60	-40 to +60	-40 to +60	-40 to +60

Mechanical Specifications	XRM-13-02	XRM-13-04	XRM-13-08	XRM-13-16
Mounting	RM / CM	RM / CM	RM / CM	RM / CM
Connectors (Optional)	N (BNC)	N (BNC)	N (BNC)	N (BNC)
Weight, lbs	5-12	5-12	5-12	5-12

Order Information	Rack Mount	Cavity Mount	Tray Mount	Power Supply
XRM-13-02	XRM-13-02RM	XRM-13-02CM	XRM-13-02TRM	XRM-13-02PS
XRM-13-04	XRM-13-04RM	XRM-13-04CM	XRM-13-04TRM	XRM-13-04PS
XRM-13-08	XRM-13-08RM	XRM-13-08CM	XRM-13-08TRM	XRM-13-08PS
XRM-13-16	XRM-13-16RM	XRM-13-16CM	XRM-13-16TRM	XRM-13-16PS