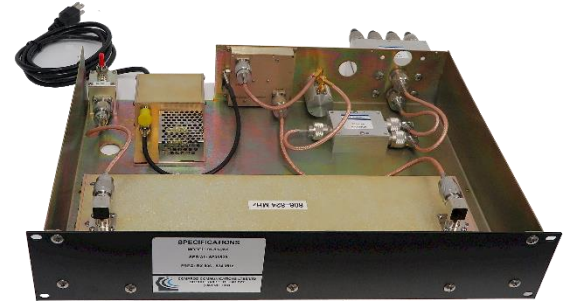


Expandable Receiver Multicoupler 90 Series

Our Expandable Receiver Multicoupler provides an affordable means of combining multiple Receiver frequencies onto the same antenna. They are available in 2, 4, 8, 12 and 16 port configurations.

Key features:

- A low noise amplifier provides gain across the frequency band
- Low noise figure and low intermodulation generation
- Features up to 16 ports (24 and 32 port versions are available)
- -30 dB signal sampler port that can also be used to inject a signal

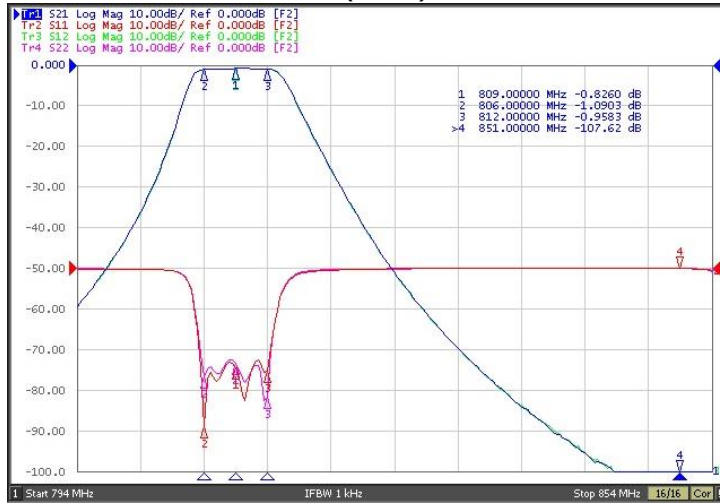


Electrical Specifications

Frequency Band, MHz	406-512	794-824
Number of output ports	2 to 16 (24 and 32 port versions available)	2 to 16 (24 and 32 port versions available)
Input Preselector Bandwidth Options	2 or 3 MHz Bandwidth 380-512 MHz	794 - 824 MHz, 3/6/12 MHz BW 806 - 821 MHz, 15 MHz BW 806 - 824 MHz, 18 MHz BW 794 - 824 MHz, 30 MHz BW
VSWR	1.5:1	1.5:1
Amplifier Gain, dB	18.5 typical	19 typical
Amplifier Output IP3, dB	+40 Min	+40 Min
Amplifier Noise Figure, dB	1.9 typical	1.9 typical
Manual Attenuation Selection	0 to -10dB in 1 dB steps	0 to -10dB in 1 dB steps
RX to RX Isolation, dB	>20	>20
TX Band Rejection, dB	>40 at 2MHz TX-RX	>80
Connector, Input	N (Female)	N (Female)
Connector, Output	N (Female)	N (Female)
Connector, Signal Sampler	BNC (Female)	BNC (Female)
Power Input, Standard	110/220 VAC 50/60Hz 10W	110/220 VAC 50/60Hz 10W
AC Power Input Connector	Hardwired 3-wire	Hardwired 3-wire
DC Power (optional), VDC	+13-28	+13-28
Mounting	EIA Standard 19" 3 RU	EIA Standard 19" 2 RU
Temperature Range C	-30 to +60 C	-30 to +60 C

* See next page for ordering information (Page 3)

800 MHz Pass: 806-812MHz (6MHz)



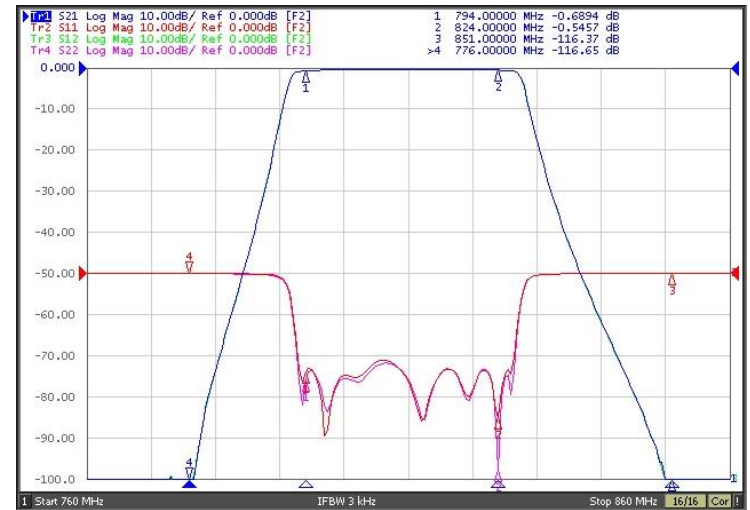
800MHz Pass: 809-821MHz (12MHz)



800MHz Pass: 806-824MHz (18MHz)



800MHz Pass: 794-824MHz (30MHz)



ORDERING INFORMATION

9	W	-	FF	-	PP	C	BB
9	Series 90						
W	1,2					Number of Pass Windows	
FF	79					794-806 MHz	
	80					806-824 MHz	
	First 2 digits of Freq. 38/40/43/45/47					380-512 MHz	
PP	2,4,8,16,24					Number of Ports	
C	N/B					N or BNC Connectors	
BB	02/03/06/12/15/18/30					Bandwidth in MHz	

Example: Model # 91-85-8N18

RX Multicoupler, 1 Pass Window, 806MHz,
8 Output Ports, N female, 18 MHz Bandwidth