

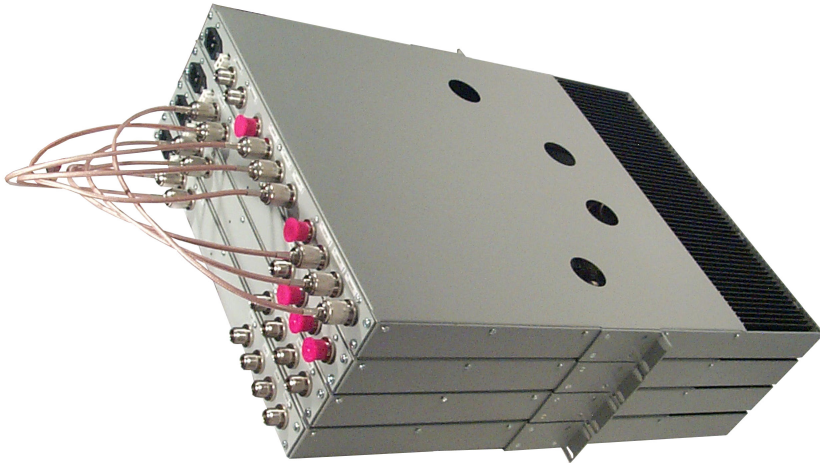


HOMELAND SECURITY R.F. COMBINING SOLUTIONS PRACTICAL - COMPACT SIZE

EMR solutions for homeland security offer the most practical approach to simplex and full combining in mobile and base station

MODEL SERIES SFR1-50 SIMPLEX COMBINERS

Simplex combined systems are available in all bands from 154 MHz to 940 MHz and from 2 to 8 channels.



Complete 8 channel system shown.
Contact the factory for lesser or greater number of channels and frequency bands.

TYPICAL SPECIFICATIONS:

FREQUENCY BANDS:	154-174 MHz (20 MHz BW) 350-650 MHz (20 MHz BW) 650-960 MHz (63 MHz BW)
NUMBER OF CHANNELS:	2 to 8
TX INSERTION LOSS:	8 to 16 dB
INPUT POWER:	50 WATTS
ISOLATION ANT to TX:	50+ dB
ISOLATION TX to TX:	60+ dB
INPUT VSWR:	1.35:1
OUTPUT VSWR:	1.35:1
RX to RX ISOLATION:	60+ dB
RX AMPLIFIER GAIN:	26 dB
RX SYSTEM GAIN:	-9 to +17 dB
RX AMPLIFIER 1 dB compression:	+21 dBm
RX AMPLIFIER 3IP:	+42 dBm
RX AMPLIFIER POWER:	13.6 VDC
TEMPERATURE:	-10 to +50 C
CONNECTORS:	Type-N Female
POWER SUPPLY:	115 VAC or 12 VDC
DIMENSIONS:	1.75 x 19 x 24

1)Contact the factory for specification options in sub-band bandwidth.

FRONT PANEL VIEW



CONTACT FACTORY FOR INTERFERENCE PROBLEM SOLVING OPTIONS

EMR CORPORATION - 17431 N. 25TH AVE. - PHOENIX, AZ 85023
TEL: 623-581-2875 - 800-796-2875 - FAX: 623-582-9499
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MODEL SERIES SFR1-50 SIMPLEX COMBINERS MODEL NUMBERS and PRICING

Simplex Combiner		
Model	Band	No. Chans.
VHF24422/SFR1-50	154-174	2
UHF25422/SFR1-50	350-365	2
HUHF26422/SFR1-50	650-960	2
VHF24432/SFR1-50	154-174	3
UHF25432/SFR1-50	350-650	3
HUHF26432/SFR1-50	650-960	3
VHF24442/SFR1-50	154-174	4
UHF25442/SFR1-50	350-650	4
HUHF26442/SFR1-50	650-960	4
VHF24452/SFR1-50	154-174	5
UHF25452/SFR1-50	350-650	5
HUHF26452/SFR1-50	650-960	5
VHF24462/SFR1-50	154-174	6
UHF25462/SFR1-50	350-650	6
HUHF26462/SFR1-50	650-960	6
VHF24472/SFR1-50	154-174	7
UHF25472/SFR1-50	350-650	7
HUHF26472-SFR1-50	650-960	7
VHF24482/SFR1-50	154-174	8
UHF25482/SFR1-50	350-650	8
HUHF26482/SFR1-50	650-960	8
Single Channel Expansion Kit:		
VHF24420/SFR(KT)	154-174	1
UHF25420/SFR(KT)	350-650	1
HUHF26420/SFR(KT)	650-960	1
Four Channel Expansion Chassis Kit:		
VHF24420/SFR1-50XP	154-174	0
UHF25420/SFR1-50XP	350-650	0
HUHF26420/SFR1-50XP	650-960	0