



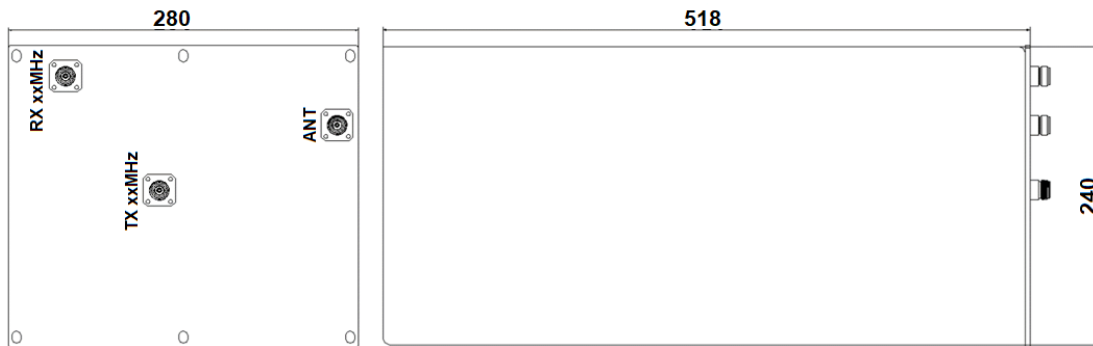
VHF Multi-channel Combiner 138-145MHz, 125W, NF Connectors

Technical Specifications

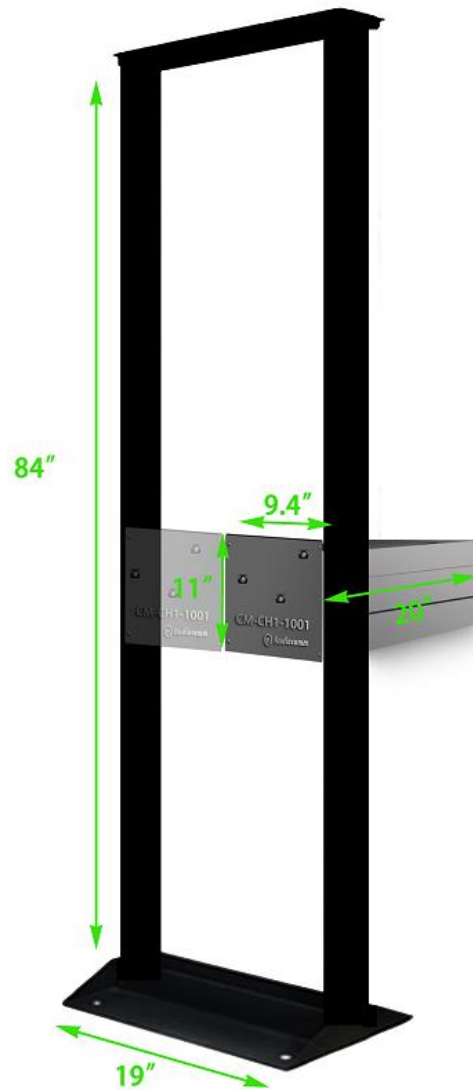
Model No.		CM-CH1-1001	CM-CH2-1001	CM-CH3-1001
Number of Channels		1 CH (1 TX+1 RX)	2 CH (2 TX+2 RX)	3 CH (3 TX+3 RX)
VSWR	Input	Tx - ANT	1.25:1	
		Rx- ANT	1.35:1	
	Output	1.3:1	1.35:1	
Frequency Range		138-145MHz		
Input Ports		2	4	6
Output Port		1 (ANT)	1 (ANT)	1 (ANT)
Insertion Loss	TX to ANT	≤ 0.8 dB	≤ 4.0 dB	≤ 4.0 dB
	RX to ANT	≤ 0.8 dB	≤ 4.0 dB	≤ 3.0 dB
Frequency Separation		Maximum: 4.85MHz Minimum: 0.3MHz		
Power Handling		≤ 125 W per channel		
Impedance In/Out		50Ω		
Isolation	TX to RX	90 dB		90 dB
	RX to TX	50 dB		80 dB
	TX to TX	45 dB		45 dB
Connectors		N female		
Temperature Range		-30 ... +60 °C		
Mounting		Rackmount for 19" Rack		
Dimensions (W x H x D mm)		240 x 280 x 518 (9" x 11" x 20")	240 x 280 x 518 (9" x 11" x 20") + 332 x 280 x 536 (13" x 11" x 21")	240 x 280 x 518 (9" x 11" x 20") + 461 x 231 x 506 (19" x 9" x 20") + 461 x 231 x 506 (19" x 9" x 20")
Weight		≤ 10 kg	≤ 20 kg	≤ 50 kg



VHF Multi-channel Combiner 138-145MHz, 125W, NF Connectors



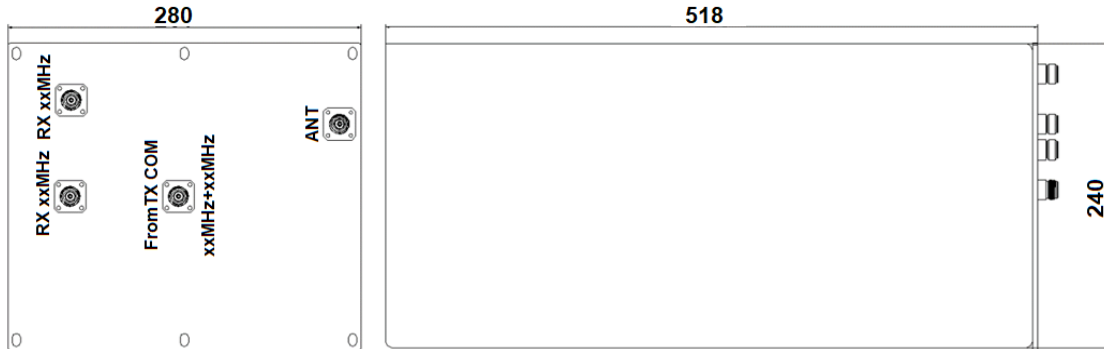
CM-CH1-1001 -Channel Combiner



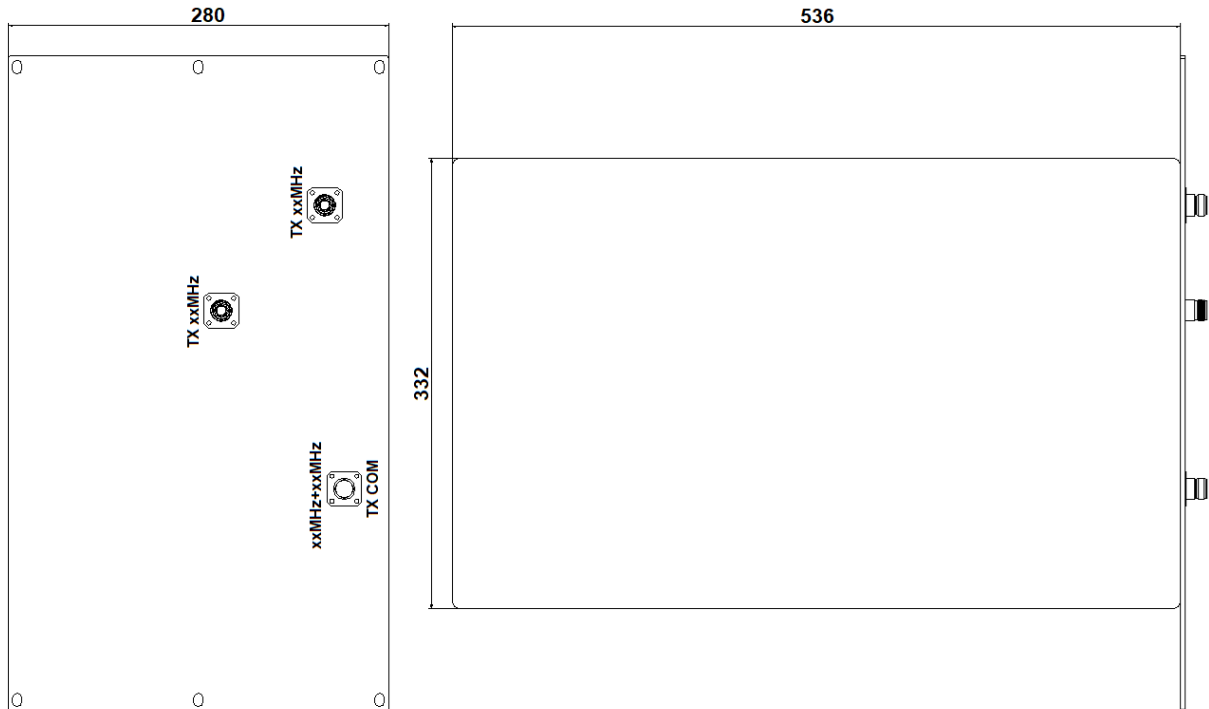
CM-CH1-1001 1-Channel Combiner in 19" Rack



VHF Multi-channel Combiner 138-145MHz, 125W, NF Connectors



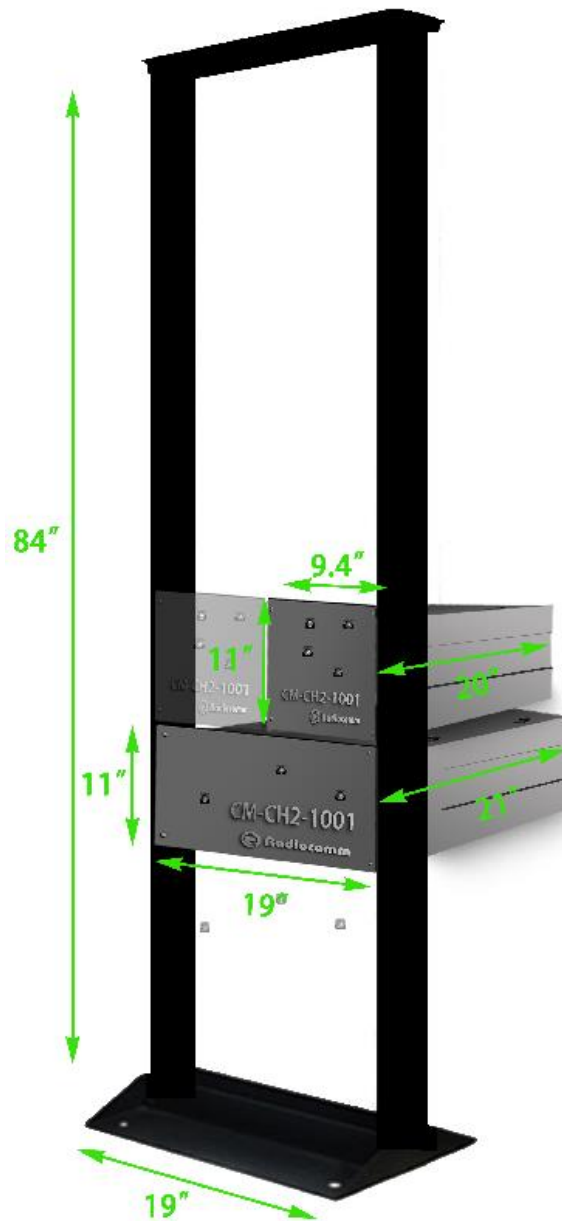
CM-CH2-1001 2-Channel Combiner Part 1



CM-CH2-1001 2-Channel Combiner Part 2



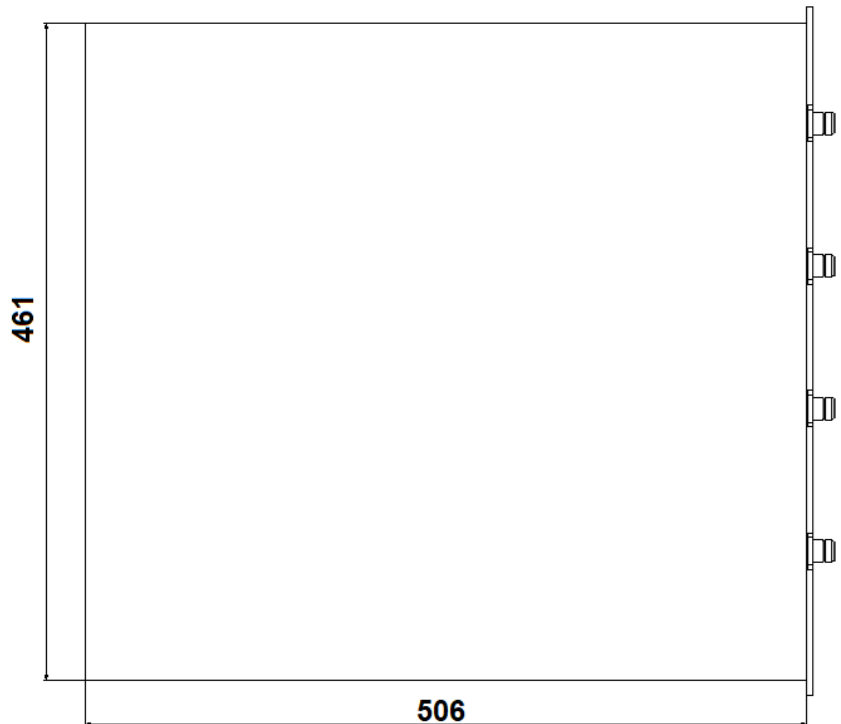
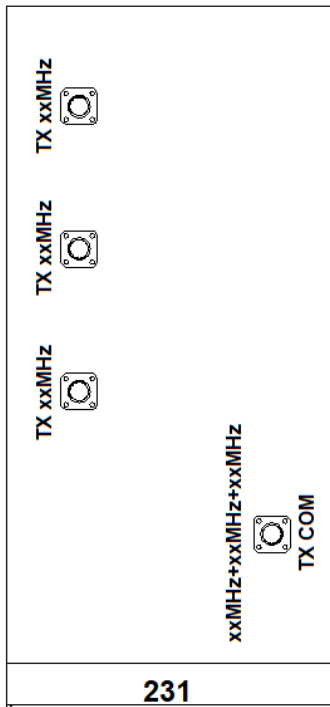
VHF Multi-channel Combiner 138-145MHz, 125W, NF Connectors



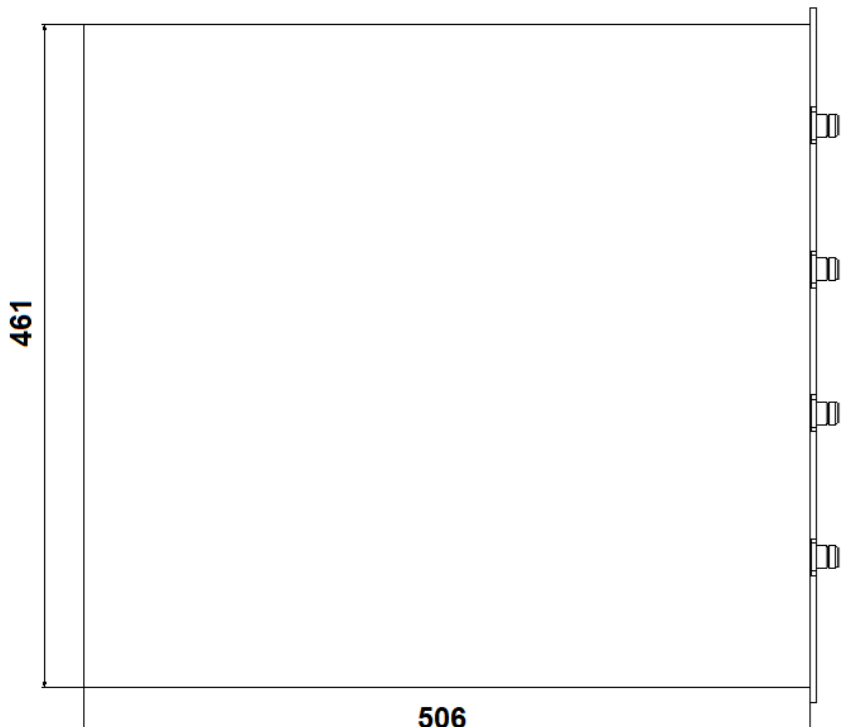
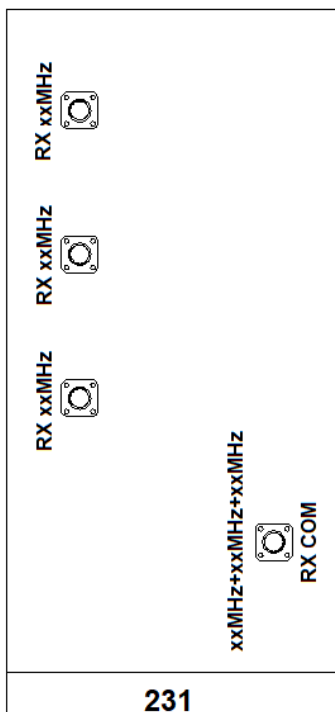
CM-CH2-1001 2-Channel Combiner in 19" Rack



VHF Multi-channel Combiner 138-145MHz, 125W, NF Connectors



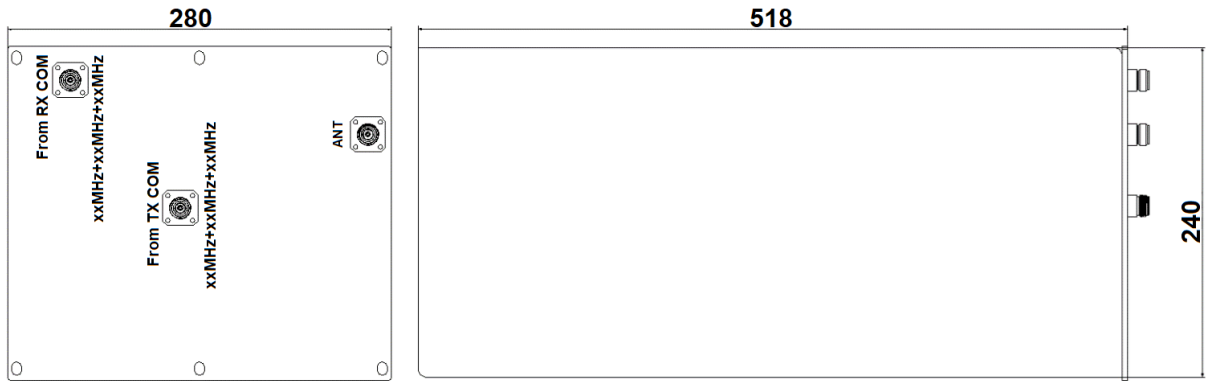
CM-CH3-1001 3-Channel Combiner Part 1



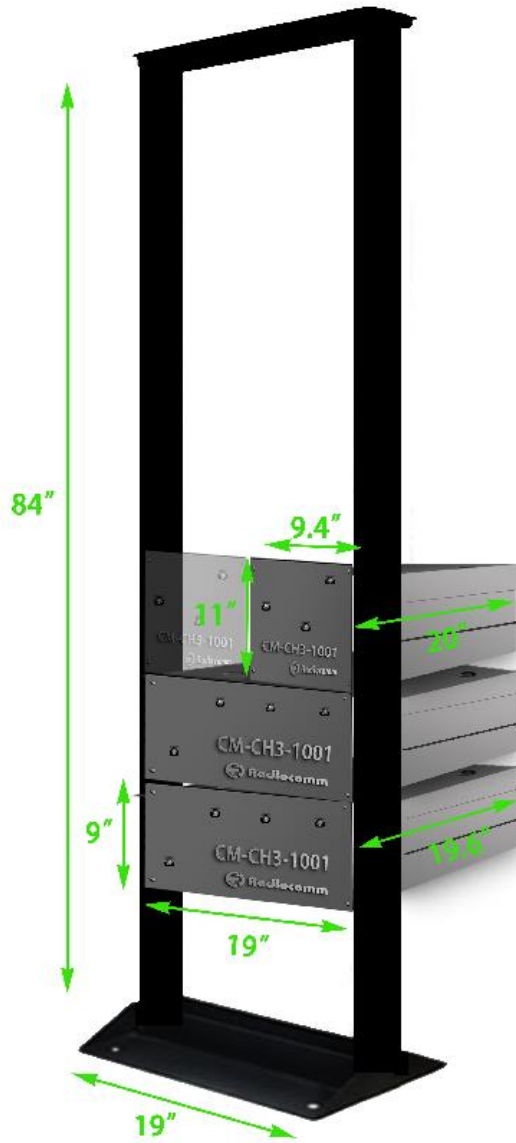
CM-CH3-1001 3-Channel Combiner Part 2



VHF Multi-channel Combiner 138-145MHz, 125W, NF Connectors



CM-CH3-1001 3-Channel Combiner Part 3



CM-CH3-1001 3-Channel Combiner in 19" Rack