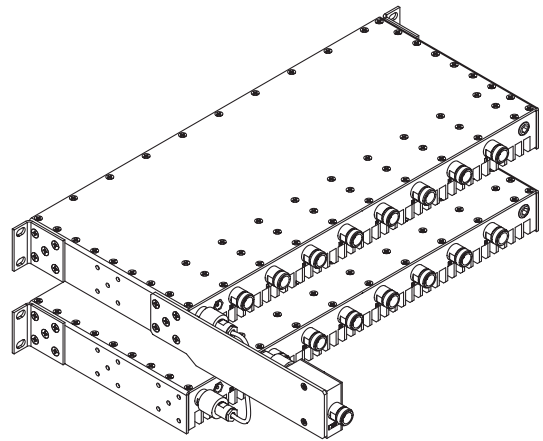
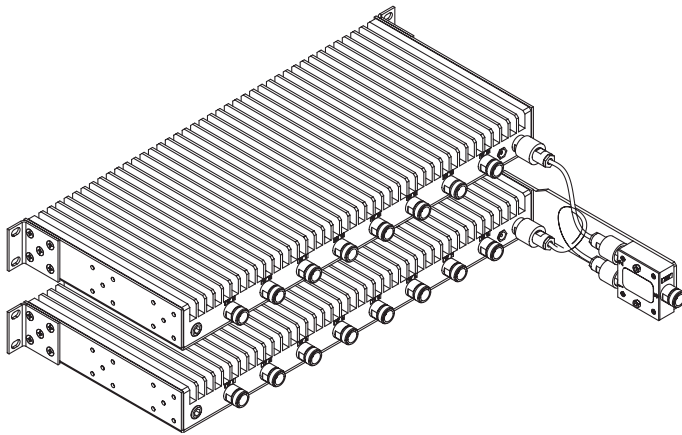


HC000-16F

Short-Haul Control Station Combiner
Broadband 100-960 MHz

dbSpectra

- Low profile
- Transmit and receive from each port
- Enables control stations to be combined
- One Antenna Solution
- Enhances system port-to-port isolation
- Adjustable mounting ears enables vertical or horizontal mounting to save space



These multi-channel combiners provide frequency agile operation across the entire frequency range. Short-Haul combiners may be used to reduce the number of antennas on a communication site while also ensuring that predictable radio-to-radio isolation is maintained at all times. This single unit operates from 100 to 960 MHz so your antennas are your only limiting factor.

These Short-Haul combiners are designed with higher insertion losses for base sites less than 5 miles. Careful link budgets can be conducted to verify proper operation. One Antenna Required.

TX ELECTRICAL (8CH MODEL)		MECHANICAL (8CH MODEL)	
Frequency Range–MHz:	100-960	Connectors:	N-Female
Frequency Separation:	No Limitations	Dimensions (WxHxD)–inch (mm):	19 x 3.5 x 15.25
Isolation–dB (typical)			(482.6 x 88.9 x 387.3)
TX to Tx:	60	Weight-lbs (kg):	25(11.34)
Ant to Tx: 30			
Tx Loss–dB (max):	39		
Return Loss–dB (min):	14		
Power/Channel–Watts (100% Duty Cycle):	15		
Power/Channel–Watts (40% Duty Cycle):	35		
Power/Channel–Watts (20% Duty Cycle):	50		
RX ELECTRICAL (8CH MODEL)		ORDERING INFORMATION	
Frequency Range–MHz:	100-960	Model Number	# of Channels
Rx to Rx Isolation–dB (typical):	60	HC000-16F	16
Rx Loss–dB (max):	39		
Return Loss–dB (min):	14		
		Frequency Range–MHz	100-960 MHz

dbSpectra

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