

HC-FM

COMBINERS

MODELS

HC04CH-FM HC08CH-FM



Compact solution for tunnel broadcasting: combines several TX channels on a single antenna.

ORDERING INFORMATION

Model	Description
HC04CH-FM	Hybrid Combiner 4CH FM BAND.
HC08CH-FM	Hybrid Combiner 8CH FM BAND.

OPTION

/OUT2-HCCH	Dual Output RF.
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HC02CH-FM

Hybrid Combiner 4CH FM BAND.



HC08CH-FM

Hybrid Combiner 8CH FM BAND.



HC02CH-FM

Parameters	U.M.	Value	Notes	
GENERALS				
Frequency range	MHz	87,5 ÷ 108		
Rated output power	W	150	Continuously adjustable from 10 to 100%	
Unbalanced power limit	W	150		
Ambient working temperature	°C	-50 to +50		
Ambient working humidity	%	85	Without condensing	
POWER REQUIREMENTS				
AC Power input	AC Supply Voltage	VAC	230 + 10% - 15%	Internal switch
	AC Apparent Power Consumption	VA	48	
	Active Power Consumption	W	48	
	Power Factor		0,998	
	Connector		VDE IEC Standard	
DC Power input	DC Supply Voltage	VDC		
	DC Current	ADC		
MECHANICAL DIMENSIONS				
Physical dimensions	Front panel width	mm / inch	483 / 19	EIA rack
	Front panel height	mm / inch	132 / 3 1/2 3HE	
	Overall depth	mm	557	
	Chassis depth	mm	485	
Weight	kg	About 10		
Cooling		Forced, with internal fan		
Acoustic noise	dBA	< 75		
AUDIO INPUTS				
Power coupler	Connector		N type	
	Impedance	Ohm	50	
	Number of Way		4	
	Power	W	150	0.1 dB step adjustable
	Insertion loss	dB	6	
OUTPUTS				
RF Output	Connector		N type	
	Impedance	Ohm	50	
FUSES				
On mains		1 External fuse F 3,15 T - 5x20 mm		
On services		X		
On PA Supply		X		
On driver supply		X		

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.

HC08CH-FM

Parameters	U.M.	Value	Notes	
GENERALS				
Frequency range	MHz	87,5 ÷ 108		
Sensitivity RF	W	150	Continuously adjustable from 10 to 100%	
Intermediate frequency	W	150		
Operational mode	°C	-50 to +50		
Ambient working temperature	%	85	Without condensing	
POWER REQUIREMENTS				
AC Power input	AC Supply Voltage	VAC	230 + 10% - 15%	Internal switch
	AC Apparent Power Consumption	VA	48	
	Active Power Consumption	W	48	
	Power Factor		0,998	
	Connector		VDE IEC Standard	
DC Power input	DC Supply Voltage	VDC		
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MECHANICAL DIMENSIONS				
Physical dimensions	Front panel width	mm / inch	483 / 19	EIA rack
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	Overall depth	mm	557	
	Chassis depth	mm	485	
Weight	kg	About 10		
Cooling		Forced, with internal fan		
Acoustic noise	dBA	<75		
AUDIO INPUTS				
Power Coupler	Connector		N type	
	Impedance	Ohm	50	
	Number of Way		8	
	Power	W	150	0,1 dB step adjustable
	Insertion loss	dB	9	
OUTPUTS				
Left / Mono	Connector		N type	
	Impedance	Ohm	50	
FUSES				
On mains		1 External fuse F 3,15 T - 5x20 mm		
On services		X		
On PA Supply		X		
On driver supply		X		

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