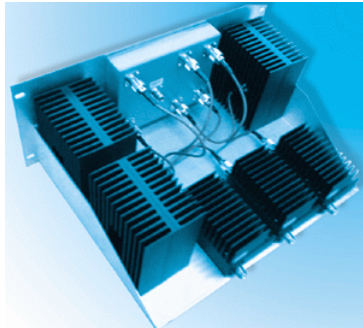




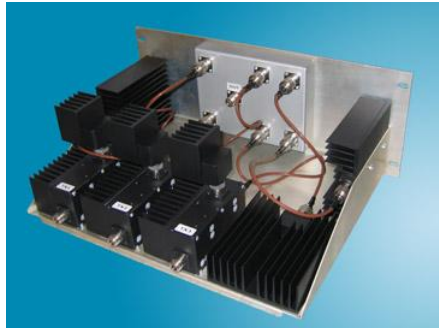
140-174, 400-490 MHz Hybrid transmitter combiners CH-3V-50S/D-R/2(X/2), CH-5V-50S/D-R/2(X/2), CH-3U- 50S/D-R/2(X/2), CH-5U-50S/D- R/2(X/2)

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CH-3V-50D-R/2



CH-3U-50D-X/2



CH-5V-125D-R/2



Electrical specifications

Model	CH-3V-50S/D-R/2(X/2)	CH-3U-50S/D-R/2(X/2)	CH-5V-50S/D-R/2(X/2)	CH-5U-50S/D-R/2(X/2)
Operating frequency band, MHz	140-174	400-490	140-174	400-490
Operating bandwidth, MHz	7	14	7	14
Impedance, Ohm	50	50	50	50
Number of channels	3	3	5	5
Insertion loss TX-ANT, dB	5,5/5,9	5,5/5,9	7,4/7,8	7,5/7,9
Isolation TX-TX not less, dB			60/90	
Isolation ANT-TX not less, dB			35/65	
Power not more, W			50	
Frequency separation TX/TX			not limited	

Mechanical specifications

Model	CH-3V-50S/D-R/2(X/2)	CH-3U-50S/D-R/2(X/2)	CH-5V-50S/D-R/2(X/2)	CH-5U-50S/D-R/2(X/2)
Weight, kg	4,83/5,18	4,83/5,18	7,8/8,9	7,8/8,9
Length/Width/Depth, mm		485x88x350		485x233x350
Connectors			N-type	

The specialists of our company have developed new models of hybrid combiners for 3 transmitters. Their principle peculiarity consists in the equal losses for all channels.

Hybrid transmitter combiners are designed for mounting in standard 19-inch rack.

Manufacturer adjusts transmitter combiner to customers operating frequencies.

The combiners of Regular (R) class provide an operation of the transmitting link in temporal regime of exploitation with TX/RX =1:5, i.e. when the working load onto the transmitters of your system is not high. The combiners of Extreme (X) class are being applied in the case when repeaters operate with enhanced load (up to 100% of the cycle). These are more expensive and highly reliable products with the valves based upon the radiators (which do not allow the ferrites to become overheated) and for massive carrying out (external) loads.

