

UHF RECEIVER MULTICOUPLERS

Dual Band Pass • 400 - 520 MHz

RCD Series

Product Features

- The built-in dual band pass input preselector provides excellent out of band rejection, with 3 to 4 MHz bandwidth per band pass
- A single stage low noise A class preamplifier ensures flat gain through all the band
- High compression point
- Low I.M. generation



UHF Receiver Multicoupler

Applications

- For multicarrier systems



Specification	RCD45-4	RCD45-8	RCD45-16	RCD45-24
Frequency band	450 – 512MHz			
Input preselector	Yes, dual band pass, 3 to 4 MHz BW per band pass			
Number of outputs	4	8	16	24
Gain (*)	25dB, adjustable	21dB, adjustable	17dB, adjustable	13dB, adjustable
Gain adjustment range	0 to 25dB			
System noise figure	< 3.0dB			
OIP3	>+25dBm			
Antenna connector	N(f)			
Output connectors	BNC(f) or N(f)			
Return loss	18dB min, all ports			
Impedance	50 Ω			
Output ports isolation	25dB min			
Temperature range	-40° to 140° F • -40° to +60° C			
Power, AC	110/220 VAC 50/60Hz 10W			
Power, DC	5V			
Mounting	19in rack tray, open frame, 2 RU		19in rack tray, open frame, 3 RU	
Dimensions	19 x 3.5 x 12 inches • 483 x 89 x 305 mm		19 x 5 x 12 inches • 483 x 127 x 305 mm	
Weight	8.8 lbs • 4 kg	9.9 lbs • 4.5 kg	11 lbs • 5 kg	12.1 lbs • 5.5 kg

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