Dual Stage Ferrite Circulator / Isolator

168-172 MHz





JAG-IC-168-2-XXXX





JAG-IC-132-2-3015 Shown with 30W and 15W loads

JAG isolators and circulators offer superior performance in a compact rugged package. Careful temperature compensation and top quality components ensure high isolation with very low insertion loss over their full operating temperature range, and offer a high degree of RF and magnetic stability. Circulators are supplied without loads. Isolators come equipped with a variety of load terminations. JAG isolators and circulators are available factory-tuned in the 70, 150, 450 and 800-960 MHz frequency bands. Field tunable isolators are available for the 138-174 and 406-430 or 450-470 MHz bands.

	Electrical Specific	Mechanical Specifications				Environmental				
	Model JAG-IC-168-2-XXXX			Model	JAG-IC	168-2-XXXX		Model	JAG-IC-168-2-XXXX	
JAG-IC-168-2-XXXX Product Specification Sheet.	Frequency Range (MHz)	168-172	*Note 1	Height	inches (m	nm)	2.5 (64)	Temperatu	ure Range	-40-degC to +60-degC
	Bandwidth @ 1.3:1 VSWR or Bette	4	Width	inches (mm	nm)	4.5 (114)	Notes:	Specify model number and exact		
	Maximum Input VSWR	1.3:1		Depth	inches (m	nm)	1.4 (35)	1.	Specify model number and exact frequency when ordering	
	Maximum Input Power (Watts)	125	*Note 2	Weight	lb (kg)	2.2 (1.0)	*No loads	2.	circulators	er rating for isolators and ators is determined by load size
	Maximum Insertion Loss (dB) 1.05			Mounting	Systems	19-inch rad	ck mount	3.	Typically 6	with a maximum going up to 125W Typically 60-70dB of reverse isolation
	Typical Insertion Loss (dB)	0.85				Cavity Plate Cabinet Customize	ed	4.	may be observed Replace the X in the model number as follows: 00 = Circulator (no loads)	
	Isolation (dB)	50	*Note 3							
	Nominal Impedance (Ω)	50		Termination		'N' Female		•		15 = 15W load 30 = 30W load
	Output Load Size (Watts)	15 30 60 125	*Note 4 *Note 4 *Note 4 *Note 4						 60 = 60W load 125 = 125W load Example: JAG-IC-168-2-6015 (comes with and 15W load) 	

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JAG's dedication to continuous Research & Development will result

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