

ICHI Series Single Stage Ferrite Circulator / Isolator 95-96 MHz



JAG-IC-95-1-XX

JAG-IC-132-1-30 Shown with a 30W load

JAG-IC-95-1-XX

-40-degC to +60-degC

Specify model number and exact

circulators is determined by load size with a maximum going up to 125W

Typically 25-30dB of reverse isolation

Replace the X in the model number

frequency when ordering Power rating for isolators and

may be observed

0 = Circulator (no loads) 15 = 15W load

as follows:

30 = 30W load 60 = 60W load

125 = 125W load

Example: JAG-IC-95-1-60 (comes with a 60W

Rev091714.0

Environmental

Temperature Range

Model

Notes:

1.

2



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 Specifications** JAG-IC-95-1-XX

95-96

1.3:1

125

0.7

0.4

22

50

15

30

*Note 1

*Note 2

*Note 3

*Note 4

*Note 4

2

Model

JAG-IC-95-1-XX Product Specification Sheet

Frequency Range (MHz)

Maximum Input VSWR

Maximum Input Power (Watts)

Maximum Insertion Loss (dB)

Typical Insertion Loss (dB)

Nominal Impedance (Ω)

Output Load Size (Watts)

Isolation (dB)

Bandwidth @ 1.3:1 VSWR or Better (MHz)

| Ϋ́Γ | 80 125 | *Note 4 |
|--------------------------|-----------|---------|
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RF EMI Engineering Technology 26-1750 Creek Way Burlington, Ontario L7L 7E2 Canada

Email: info@jagelectromagnetics.com Web: www.jagelectromagnetics.com Tel (905)-635-7437 Fax (905)-332-8093

Mechanical Specifications

2.2 (1.0)

Cavity

Plate

Cabinet

Customized

'N' Female

19-inch rack mount

3 (76.2)

3 (76.2)

1.4 (35)

*No load

JAG-IC-95-1-XX

inches (mm)

inches (mm)

inches (mm)

lb (kg)

Model

Height

Width

Depth

Weight

Mounting Systems

Termination



load)

Made in Canada

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JAG's dedication to continuous Research & Development will result in product improvements as they evolve.

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