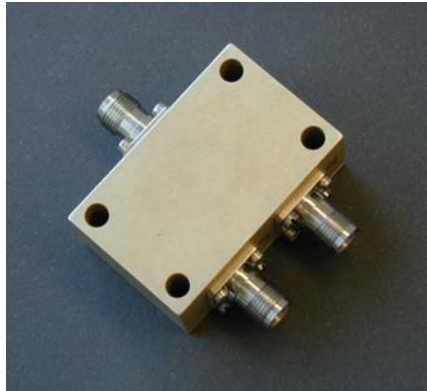


SL SERIES

Sage Laboratories, Inc. has introduced a broadband diplexer to operate in the military communications frequency bands to satisfy emerging needs for bridged protocols in support of deployed field equipment and personnel. This broadband device features low loss, robust power handling, and is designed to operate in rugged environments.

Sage continues to design and manufacture product offerings of passive and active components and integrated assemblies under the Sage Laboratories name.



FEATURES

- Broadband Performance
- Low Loss
- Maximum input power 50 Watts
- 40 dB Out of Band Rejection
- Wide Operating Temperature Range
- Other Connector Options and Customized Frequency Bands Available

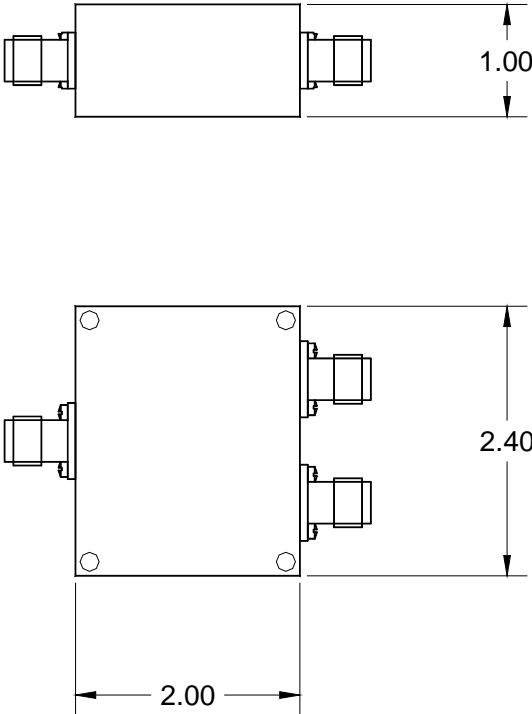
SPECIFICATIONS

<i>PARAMETER</i>	<i>PERFORMANCE</i>
Channel 1	20-88 MHz
Channel 2	100-3000 MHz
Passband Insertion Loss	1.0 dB max.
Crossover Frequency	94 MHz \pm 1 MHz
Crossover Loss	5.0 dB max.
Rejection	40 dB min. @ 70 & 120 MHz
Maximum Input Power	50 Watts
VSWR	\leq 2.0:1
Nominal Impedance	50 Ohms
Connectors	TNC (f)
Operating Temperature	-40°C to +85°C
Environmental	Moisture Sealed
Model Number	SL2001



L A B O R A T O R I E S

OUTLINE DRAWING



MICSELLANIOUS:

- 1. Sage Laboratories Inc. "Standard Warranty and Order Terms and Conditions" apply to all orders.
- 2. All specifications subject to change without notice.
- 3. Check "Ordering and Availability Listing" for delivery and ordering information.
- 4. Contact our local Manufacturers Representative for pricing.

Specification Revision - 040506

