



**FEATURES**

- TYPE “N” Connectors
- Average Power Rating 1,000 Watts, Normalized at 1 GHz
- 1 dB Maximum Unbalance
- Meet MIL-E-5400 Class 3 or Equivalent
- Screenable to MIL-P-23971 or Equivalent

**TEMLINE™ SERIES**

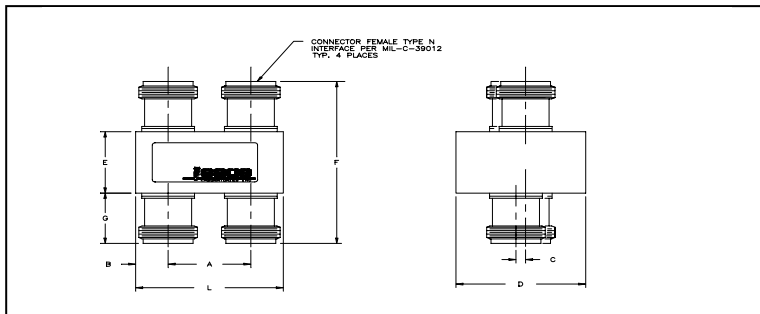
**SPECIFICATIONS**

Frequency Range (MHz)	Isolation min (dB)	VSWR max	Insertion Loss, max <sup>1</sup> (dB)	Model Number
125-150	23	1.20	0.1	749
250-500	20	1.20	0.1	750
500-1000	20	1.25	0.1	751
1000-2000	20	1.25	0.1	752
2000-4000	20	1.25	0.1	753

NOTES:

1. Maximum loss is the actual dissipative loss and reflective loss due to VSWR. It does not include coupling loss.
2. Unbalance is measured as the difference between the coupled and mainline output ports from the mean coupling at each frequency.

**OUTLINE DRAWING**



NOTES:

- B dimension for all models is .34” (0,86 cm)
- C dimension for all models is .10” (0,26 cm)
- D dimension for all models is 1.38 (3,51 cm)
- E dimension for all models is .88” (2,24 cm)
- F dimension for all models is 2.31” (5,87 cm)
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- G dimension for all models is .72” (1,83 cm)

Model Number	Dimensions (See Drawing)				Weights	
	A”	A (cm)	L”	L (cm)	Ounces	Grams
749	11.00	(27,94)	11.69	(29,69)	19	538
750	5.63	(14,30)	6.31	(16,03)	13	368
751	2.78	(7,06)	3.47	(8,81)	7	198
752	1.41	(3,58)	2.09	(5,31)	5	142
753	.81	(2,07)	1.50	(3,81)	4	113

NOTES:

1. Spectrum Microwave “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 - 070710

