

# HIGH POWER OCTAVE BAND

3 dB

## FEATURES

- 90° phase differential between output ports
- Average power rating 1000 watts, normalized at 1 GHz
- 1 dB maximum unbalance

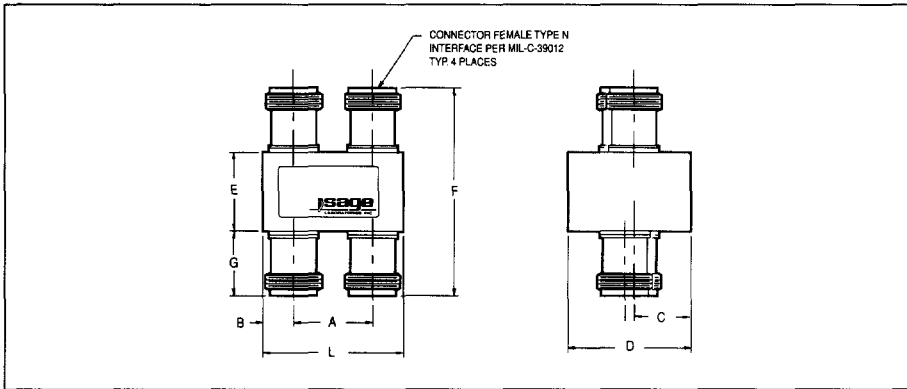
## SPECIFICATIONS

Frequency range (MHz)	Isolation min (dB)	VSWR max	Insertion loss, max (dB)	Model number
60-125	30	1.20	0.1	748
125-250	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

### NOTE:

1. Maximum loss is the actual dissipated and reflected loss due to VSWR. It does not include coupling loss.

## OUTLINE DRAWING



Model Number	Dimensions (See Drawing)				Weights	
	A"	A (cm)	L"	L (cm)	ounces	grams
748	22.00	(55,88)	22.69	(57,63)	35	1000
749	11.00	(27,94)	11.69	(29,69)	19	975
750	5.63	(14,29)	6.31	(16,04)	13	350
751	2.78	(7,06)	3.47	(8,81)	7	200
752	1.41	(3,57)	2.09	(5,32)	5	130
753	.81	(2,07)	1.50	(3,81)	4	105

### NOTES:

- B dimension for all models is .34" (0,87 cm)  
 C dimension for all models is .10" (0,26 cm)  
 D dimension for all models is 1.38" (3,49 cm)  
 E dimension for all models is .88" (2,22 cm)  
 F dimension for all models is 2.31" (5,88 cm)  
 G dimension for all models is .72" (1,83 cm)



## TEMLINE™ SERIES



HYBRIDS