

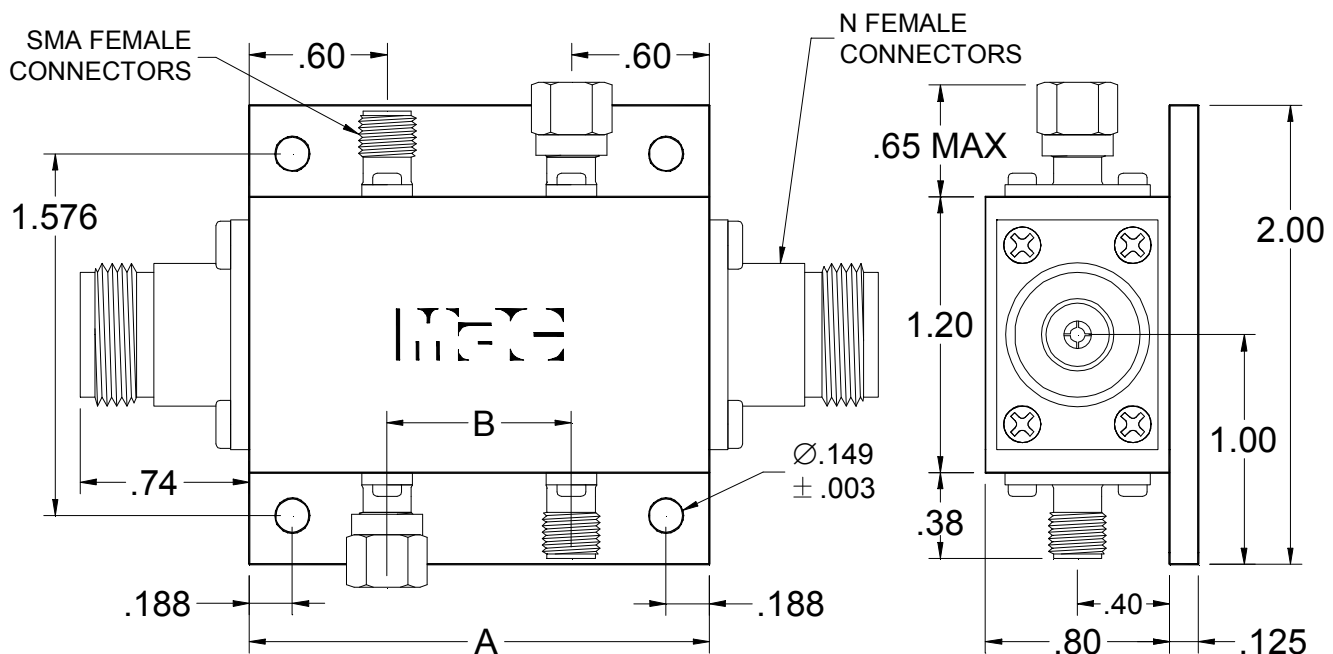
MAC Technology Inc.

DUAL, HIGH POWER DIRECTIONAL COUPLERS

C1100B Series

| Freq. Range [GHz] | Model No. | Coupling* [dB] | Freq. Sensitivity [dB] | Insertion Loss [dB max] | Directivity [dB min] | Primary Line VSWR [max] | Power [Watts max] | | Outline Dimensions | |
|-------------------|-----------|----------------|------------------------|-------------------------|----------------------|-------------------------|-------------------|------|--------------------|------|
| | | | | | | | Average | Peak | A | B |
| .75-1.5 | C1121B-X | X ± 1.0 | ± .75 | 0.35 | 18 | 1.25 | 600 | 10K | 3.85 | 2.65 |
| 0.5-2 | C1123B-X | X ± 1.0 | ± .75 | 0.35 | 18 | 1.30 | 600 | 10K | 6.00 | 4.80 |
| 1-2 | C1103B-X | X ± 1.0 | ± .75 | 0.35 | 18 | 1.20 | 600 | 10K | 3.50 | 2.30 |
| 2-4 | C1104B-X | X ± 1.0 | ± .75 | 0.35 | 18 | 1.20 | 600 | 10K | 2.50 | 1.30 |
| 1-4 | C1133B-X | X ± 1.0 | ± .75 | 0.35 | 16 | 1.20 | 600 | 10K | 3.85 | 2.65 |
| 1.5-4.5 | C1134B-X | X ± 1.0 | ± .65 | 0.35 | 18 | 1.25 | 600 | 10K | 3.50 | 2.30 |
| 2.6-5.2 | C1142B-X | X ± 1.0 | ± .75 | 0.35 | 18 | 1.25 | 600 | 10K | 2.50 | 1.30 |
| 4-8 | C1105B-X | X ± 1.0 | ± .75 | 0.35 | 18 | 1.35 | 600 | 10K | 2.00 | 0.80 |
| 2-8 | C1145B-X | X ± 1.0 | ± .60 | 0.35 | 18 | 1.35 | 600 | 10K | 3.00 | 1.80 |
| 7-11 | C1106B-X | X ± 1.0 | ± .50 | 0.35 | 16 | 1.35 | 600 | 10K | 2.00 | 0.80 |
| 5-11 | C1156B-X | X ± 1.0 | ± .50 | 0.35 | 16 | 1.35 | 600 | 10K | 2.00 | 0.80 |
| 4-12 | C1157B-X | X ± 1.0 | ± .65 | 0.35 | 16 | 1.35 | 600 | 10K | 2.50 | 1.30 |
| 1-11 | C1136B-35 | 35 ± 1.5 | ± 1.25 | 0.35 | 16 | 1.35 | 600 | 10K | 3.85 | 2.65 |

* X to be selected for -30 dB thru -50 dB coupling. Includes frequency sensitivity. Specifications subject to change without notice.



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