



## CS1040S SMA 2-Way Power Divider 1-4 GHz

Rev 000

|                       |                             |
|-----------------------|-----------------------------|
| <b>Electrical</b>     |                             |
| Frequency             | 1-4 GHz                     |
| VSWR                  | 1.30(Input)<br>1.25(Output) |
| Impedance             | 50 Ohms                     |
| Insertion Loss        | 0.5 dB                      |
| Isolation             | 20 dB                       |
| Amplitude Balance     | $\pm 0.30$ dB               |
| Phase Balance         | $\pm 2^\circ$               |
| Power Handling        | 30 Watts Average            |
| <b>Mechanical</b>     |                             |
| SMA Interface per     | MIL-STD-348B                |
| Operating Temperature | -55°C to +85°C              |
| <b>Materials</b>      |                             |
| Body(Connectors)      | Passivated Stainless Steel  |
| Contacts              | BeCu                        |
| Contact Plating       | Au Per MIL-G-45204          |
| Dielectric            | PTFE per ASTM-D-1710        |
| ROHS Compliant        |                             |

