

Ku-Band 8-Way Iso-Divider

TECHNICAL FEATURE

FEATURES

- Light Weight and Small Size
- Broadband
- Low Insertion Loss
- Extremely High Isolation
- Space Qualified
- Also available as an Iso-Combiner



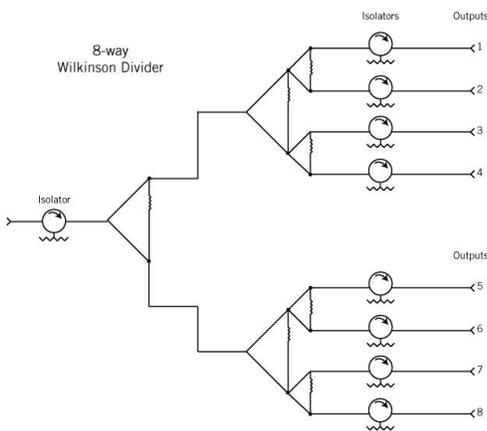
PERFORMANCE

| | |
|--|-------------------------|
| Frequency..... | 10.7 - 14.8 GHz |
| Return Loss (Input & Output) | 20 dB min |
| Isolation between Outputs..... | 38 dB min |
| Insertion Loss (above 9dB theoretical) | 2.2 dB max |
| Phase Balance | +/-12° max |
| Power Handling | 2 W max |
| Magnetic Emission | 0.5 Am ² max |
| EMI Shielding..... | -80 dBi min |
| RF Connection Interface | SMA Female |
| Operating Temperature Range..... | -55 to +85°C |
| Package Size (not including connectors) . | 4.00"x1.94"x0.54" |

DESCRIPTION

The Iso-Divider product represents a marriage of Crane Electronics' Passive and Ferrite products. It is a higher isolation power divider, which removes the need for additional components and connectors. Removing these components improves the reliability and allows the electrical performance to be enhanced.

This product provides the ability for a Satellite receiver or transmitter to share antennas in a redundant configuration. This is a critical function, which demands low insertion loss and exceptional performance. Matching the power divider and isolator characteristics allows the best overall unit performance to be achieved.



Functional Diagram

