



ELECTRICAL SPECIFICATIONS

| | | |
|---------------------------|-----------|--------------------|
| Frequency Range | 0.5 ~ 6.0 | GHz |
| Amplitude Balance | 0.3 | dB, max. |
| Phase Balance | 2 | degrees, max. |
| Isolation | 18 | dB, min. |
| Insertion Loss | 1.0 | dB, max. |
| Common Port VSWR | 1.6 | :1, max. |
| Split Port VSWR | 1.4 | :1, max. |
| Average Power as Splitter | 30 | Watts, max. |
| Average Power as Combiner | 0.5 | Watts/port, max. |
| Impedance | 50 | Ohms, nom'l. |
| Peak Power | UNSPEC'D. | kW, max (2% duty) |
| Passive Intermodulation | UNSPEC'D. | 2x +43 dBm, nom'l. |

MECHANICAL SPECIFICATIONS

| | |
|-----------------------|---------------------------------|
| R.F. Interface | N Female |
| Operating Temperature | -40 ~ +65 °C (Tested at +25 °C) |
| Environment | Indoor use only. |
| Humidity | 90%, non-condensing. |
| Weight | 6.3 oz Nominal |

WERBEL MICROWAVE

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| | |
|--------------|------------------------------------|
| Connectors | Brass, Nickel Plate |
| Contact Pins | Beryllium Copper, Gold Plate |
| Insulators | PTFE |
| Housing | Aluminum, RoHS Chemical Conversion |
| Finish | Optional / Specify |

Power Splitter / Combiner

| REV | DESCRIPTION | ENG. | DATE |
|-----|----------------------|------|-----------|
| 0 | Engineering release. | ETW | 1/21/2017 |

Input power is rated for load VSWR of 1.20:1, max. Insertion loss excludes coupling/split loss.
 All dimensions in inches with tolerance $\pm .010"$ and are typical unless otherwise specified.
 Specifications are subject to change without notice. This document shall not form part of any contract.