

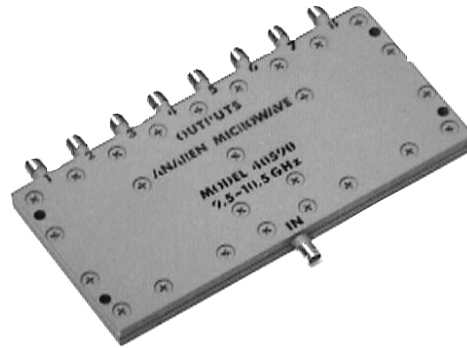


Model 40590

Power Dividers 8-Way

Applications

- Phased Arrays
- Antenna Feed Networks
- Image Reject Mixers
- Test Systems
- LO Power Dividers



Features

- Military Grade
- 8-Way Power Split
- In-phase
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Low VSWR

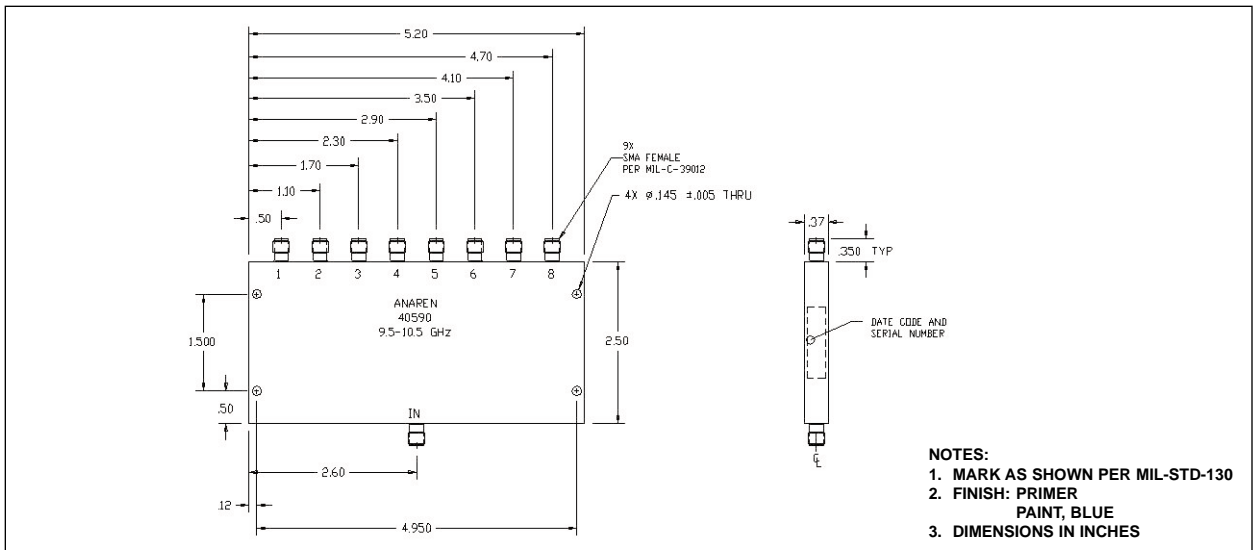
Electrical Specifications

| Frequency <i>GHz</i> | Isolation <i>dB Min</i> | Insert. Loss <i>dB Max</i> | VSWR <i>Max In/MaxOut:1</i> |
|----------------------------|----------------------------------|-------------------------------|--------------------------------|
| 9.5 - 10.5 | 18 | 1.60 | 1.90/1.90 |
| Amp. Bal. <i>dB Max</i> | Phase Bal. <i>Degrees Max</i> | Connector | Power <i>Ave. CW Watts</i> |
| 0.80 | 14 | SMA | 25 |

Note: *Input power with load VSWR of 1.20:1. Impedance: 50 ohms nominal. Meets MIL-E-5400 Class III requirements. Additional screening available for military and space applications.

Electrical and Mechanical Specifications subject to change without notice.

Outline Drawing



- NOTES:**
1. MARK AS SHOWN PER MIL-STD-130
 2. FINISH: PRIMER PAINT, BLUE
 3. DIMENSIONS IN INCHES