

**SPECIFICATION SHEET****JFW MODEL 50PD-589****4 WAY REACTIVE POWER DIVIDER/COMBINER**

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|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| Frequency Range                      | 800-2400 MHz                                                         |
| Impedance                            | 50 Ohms nominal                                                      |
| VSWR                                 | 1.4:1 maximum                                                        |
| Insertion Loss<br>(above 6 dB split) | 0.9 dB maximum                                                       |
| Amplitude Tracking                   | ± 0.4 dB                                                             |
| Phase Tracking                       | ± 10°                                                                |
| Isolation                            | 20 dB minimum                                                        |
| RF Input Power                       | 5 Watts average (divider port)<br>0.3 Watts average (combiner ports) |
| Operating Temperature Range          | -40°C to +85°C                                                       |
| RF Connector                         | N female                                                             |
| Physical Size                        | See outline drawing 092-5000                                         |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
|           | 12/14/2005 |     | TRS 12/14/2005 |           |      |     |             |
| 13008     | 07/13/2006 | A   | TRS 07/13/2006 |           |      |     |             |
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