

SPECIFICATION SHEET

JFW MODEL 50PD-647

8 WAY REACTIVE POWER DIVIDER/COMBINER

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|--------------------------------------|---|
| Frequency Range | 2-6 GHz |
| Impedance | 50 Ohms nominal |
| VSWR | 1.6:1 maximum < 1.4:1 typical |
| Insertion Loss (above 9 dB split) | 1.9 dB maximum 0.5 dB typical @ 2 GHz 1.1 dB typical @ 6 GHz |
| Amplitude Tracking | ± 0.8 dB |
| Phase Tracking | ± 9° |
| Isolation | 18 dB minimum |
| RF Input Power | 5 Watts average (divider port) 0.25 Watts average (combiner ports) |
| Operating Temperature Range | -40°C to +85°C |
| RF Connector | SMA female |
| Physical Size | See outline drawing 092-5373 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| | 03/23/2007 | | TRS 03/23/2007 | 19114 | 09/14/2010 | C | TRS 09/14/2010 |
| 14386 | 07/11/2007 | A | TRS 07/11/2007 | | | | |
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