

**SPECIFICATION SHEET****JFW MODEL 50PD-746****8 WAY RESISTIVE POWER DIVIDER/COMBINER**

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|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Configuration               | 8 Way resistive divider/combiner<br>(total # of ports = 9 ports)     |
| Frequency Range             | DC-6 GHz                                                             |
| Impedance                   | 50 Ohms nominal                                                      |
| VSWR                        | 1.75:1 maximum<br>< 1.6:1 typical @ 6 GHz<br>< 1.4:1 typical @ 3 GHz |
| Insertion Loss              | 18.1 dB $\pm$ 2.0 dB maximum<br>18.1 dB $\pm$ 1.5 dB typical         |
| RF Input Power              | 1 Watt average @ 25°C                                                |
| Operating Temperature Range | -40°C to +85°C                                                       |
| Storage Temperature Range   | -55°C to +125°C                                                      |
| RF Connector                | SMA female                                                           |
| Physical Size               | See outline drawing 092-6756                                         |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
|           | 10/20/2010 |     | TRS 10/20/2010 | 27101     | 09/22/2016 | C   | TRS 09/22/2016 |
| 19772     | 02/28/2011 | A   | TRS 02/28/2011 |           |            |     |                |
| 22978     | 07/02/2013 | B   | TRS 07/02/2013 |           |            |     |                |