

**SPECIFICATION SHEET****JFW MODEL 75C-048-XX****BI-DIRECTIONAL RESISTIVE COUPLER**

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|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Frequency Range             | DC-1000 MHz                                                          |
| Impedance                   | 75 Ohms nominal                                                      |
| Coupling Value              | 20 dB nominal                                                        |
| Coupling Flatness           | $\pm 0.5$ dB                                                         |
| VSWR                        | 1.35:1 maximum                                                       |
| Insertion Loss              | 1.1 dB maximum<br>0.77 dB typical @ DC<br>0.93 dB typical @ 1000 MHz |
| RF Input Power              | 0.5 Watts average @ +25°C                                            |
| RF Connector                | F female                                                             |
| Operating Temperature Range | -40°C to +85°C                                                       |
| Physical Size               | See outline drawing 092-4794                                         |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
|           | 06/18/2012 |     | TRS 06/18/2012 |           |      |     |             |