

**SPECIFICATION SHEET**  
**JFW MODEL 50FH-XXX-10**  
**FIXED ATTENUATOR**

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|                             |   |
|-----------------------------|---|
| Frequency Range             | DC-2000 MHz (1-20dB)<br>DC-1000 MHz (21-30dB)   |
| Impedance                   | 50 Ohms nominal   |
| Attenuation Values          | 1 through 30 dB (any 1 dB increment)  |
| VSWR                        | (1-20dB) 1.1:1 maximum DC-500 MHz<br>1.2:1 maximum 500-1000 MHz<br>1.5:1 maximum 1000-2000 MHz<br><br>(21-30dB) 1.2:1 maximum DC-1000 MHz       |
| Attenuation Accuracy        | (1-20dB) ± 0.2 dB DC-500 MHz<br>± 0.5 dB 500-1000 MHz<br>± 0.8 dB 1000-2000 MHz<br><br>(21-30dB) ± 0.5 dB or 2% DC-500 MHz<br>± 4% 500-1000 MHz |
| RF Input Power              | 10 Watts average  |
| Peak Power                  | 2000 Watts  |
| RF Connector                | BNC, N, SMA, TNC, 4.1-9.5, 4.3-10.0 or 7/16   |
| Operating Temperature Range | -55°C to +100°C   |
| Physical Size               | See outline drawing 092-128   |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 806       | 08/08/1997 | A   |                | 26007     | 12/14/2015 | D   | CLK 12/14/2015 |
| 9999      | 06/27/2003 | B   | SL 10/14/2003  |           |            |     |                |
| 24562     | 09/25/2014 | C   | TRS 09/25/2014 |           |            |     |                |