

SPECIFICATION SHEET
JFW MODEL 50P-1211
RELAY PROGRAMMABLE ATTENUATOR

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|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range | DC-2500 MHz |
| Impedance | 50 Ohms nominal |
| Attenuation Range | 0-31.5 dB in 0.5 dB steps |
| Attenuation Steps | 0.5, 1, 2, 4, 8, and 16 dB |
| VSWR | 1.6:1 maximum |
| Attenuation Accuracy | 0.5 dB Pad ± 0.2 dB DC-2500 MHz 1, 2, 4, 8, 16 dB Pads ± 0.2 dB or 2% DC-1000 MHz ± 0.3 dB or 3% 1000-2500 MHz |
| Insertion Loss | 0.8 dB maximum at 500 MHz 1.5 dB maximum at 1000 MHz 3.5 dB maximum at 2500 MHz |
| RF Input Power | 0.5 Watts average 100 Watts peak |
| Switching Speed | 6 milliseconds maximum |
| Control | +12 Vdc at 15 mA (0.5, 1, 2, 4, 8dB) +12 Vdc at 30 mA (16dB) |
| RF Connector | BNC, SMA, TNC or N female |
| Operating Temperature Range | -20°C to +85°C |
| Physical Size | See outline drawing 092-2613 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 2056 | 03/01/1999 | B | | 11807 | 09/01/2005 | E | TRS 09/01/2005 |
| 9999 | 09/26/2002 | C | TRS 10/01/2002 | 12783 | 05/10/2006 | F | TRS 05/10/2006 |
| 4436 | 01/21/2004 | D | CLV 01/22/2004 | 14398 | 07/11/2007 | G | TRS 07/12/2007 |