

SPECIFICATION SHEET
JFW MODEL 50P-1128
RELAY PROGRAMMABLE ATTENUATOR

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| Frequency Range | DC-2000 MHz |
| Impedance | 50 Ohms nominal |
| Attenuation Range | 0-63.75 dB in 0.25 dB steps |
| Attenuation Steps | .25, .5, 1, 2, 4, 8, 16 and 32 dB |
| VSWR | 1.4:1 maximum DC-1000 MHz 1.5:1 maximum 1000-2000 MHz |
| Attenuation Accuracy (guaranteed monotonic) | DC-1000 MHz .25, .5 dB ± .1 dB 1, 2, 4, 8 dB ± .25 dB 16, 32 dB ± 2% 1000-2000 MHz .25, .5 dB ± .15 dB 1, 2, 4, 8 dB ± .3 dB 16, 32 dB ± 3% |
| Insertion Loss | 3.0 dB maximum DC-1000 MHz 3.5 dB maximum 1000-2000 MHz |
| RF Input Power | 0.5 Watts average |
| Switching Speed | 6 milliseconds |
| Control | +12 Vdc @ 30 mA per relay (8 relays total) |
| DC Connector | Solder terminals |
| RF Connector | SMA female |
| Operating Temperature Range | -20°C to +85°C |
| Physical Size | See outline drawing 092-2393 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| | 11/28/1995 | | | 4422 | 01/20/2004 | C | CLV 01/20/2004 |
| 487 | 12/08/1995 | A | | | | | |
| 9999 | 09/18/2002 | B | TRS 09/19/2002 | | | | |