

SPECIFICATION SHEET
JFW MODEL 50P-990
RELAY PROGRAMMABLE ATTENUATOR

JFW Industries, Inc.
 Phone: 317-887-1340
 sales@jfwindustries.com
 www.jfwindustries.com

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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 | 1.4:1 maximum |
| Attenuation Accuracy | ± 0.3 dB or 2% DC-1000 MHz ± 0.3 dB or 3% 1000-2500 MHz (whichever is greater) |
| Insertion Loss | 3.6 dB maximum |
| RF Input Power | 1 Watt average |
| Switching Speed | 6 milliseconds |
| Control | +12 Vdc at 30 mA per relay |
| DC Connector | Solder terminals |
| RF Connector | SMA, BNC, TNC, or N female |
| Operating Temperature Range | -20°C to +85°C |
| Physical Size | See outline drawing 092-1082 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 283 | 08/18/1994 | A | | 14234 | 06/05/2007 | D | TRS 06/06/2007 |
| 7189 | 09/10/2001 | B | | 14364 | 07/06/2007 | E | TRS 07/06/2007 |
| 9999 | 09/10/2002 | C | TRS 09/19/2002 | | | | |