

**SPECIFICATION SHEET****JFW MODEL 50S-348****1P2T SOLID STATE RF SWITCH**

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

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| Frequency Range             | 5-2000 MHz                                             |
| Configuration               | 1P2T                                                   |
| Impedance                   | 50 Ohms nominal                                        |
| VSWR                        | 1.4:1 maximum                                          |
| Insertion Loss              | 1.0 dB maximum @ 1000 MHz<br>1.5 dB maximum @ 2000 MHz |
| Isolation                   | 60 dB minimum @ 1000 MHz<br>50 dB minimum @ 2000 MHz   |
| Switching Speed             | 5 microseconds                                         |
| RF Input Power              | +5 dBm                                                 |
| Control Logic (2 Lines)     | TTL Low for OFF (Reflective)<br>TTL High for ON        |
| DC Supply                   | +5 Vdc @ 150 mA                                        |
| DC Connector                | Solder terminals                                       |
| RF Connector                | SMA female                                             |
| Operating Temperature Range | 0°C to +70°C                                           |
| Physical Size               | See outline drawing 092-1066                           |

|           |            |     |                |           |      |     |             |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
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