

**SPECIFICATION SHEET****JFW MODEL 75S-374****1P6T SELF TERMINATING SOLID STATE RF SWITCH**

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Frequency Range 5-2150 MHz

Configuration 1P6T Self Terminating

Impedance 75 Ohms nominal

VSWR 1.4:1 maximum  
1.3:1 typical

Insertion Loss 2.5 dB maximum  
2.0 dB typical

Isolation 65 dB minimum  
78 dB typical @ 1000 MHz  
69 dB typical @ 2150 MHz

Switching Speed 10 microseconds (50% TTL to 10% or 90% RF)

RF Input Power +10 dBm average 5-100 MHz  
+20 dBm average 100-2150 MHz

Control Logic (6 Lines) TTL "High" (2.0-5.0V) for ON  
TTL "Low" (0-0.8V) for OFF and internally  
terminated in 75 Ohms  
(logic table listed on outline drawing)

DC Supply +12 Vdc @ 150 mA Max(90 mA typical)  
and  
+5 Vdc @ 100 mA Max(90 mA typical)

RF Connector BNC or F female

Operating Temperature Range 0°C to +70°C

Storage Temperature Range -55°C to +90°C

Outline Drawing Numbers 092-8294 (75S-374 F)  
092-8295 (75S-374 F-4SYS)

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
|           | 08/27/2015 |     | TRS 08/27/2015 |           |      |     |             |
| 25778     | 09/29/2015 | A   | TRS 09/29/2015 |           |      |     |             |
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