

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(120 mA typical)
and
+5 Vdc @ 15 mA Max(10 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)

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