SPECIFICATION SHEET
JFW MODEL 50S-1268
1P2T REFLECTIVE SOLID STATE RF SWITCH

Frequency Range 100-500 MHz
Configuration 1P2T Reflective
Impedance 50 Ohms nominal
VSWR 1.25:1 maximum
Insertion Loss 0.5 dB maximum
Isolation 55 dB minimum
Switching Speed 40 microseconds
(50% TTL to 10% or 90% RF)
RF Input Power 100 Watts average (cold switch)
500 Watts peak (cold switch)
100 Watts average (hot switch*)
Control (1 line) TTL Low for J1-COM
TTL High for J2-COM
(off port is reflective)
DC Supply +12Vdc to +15 Vdc @ 250 mA nominal
+5 Vdc @ 40 mA nominal
RF Connector BNC, SMA, TNC or N female
Operating Temperature Range -20°C to +70°C
Storage Temperature Range -55°C to +85°C
Physical Size See outline drawing 092-3022

* If switch rate exceeds 1000 cycles per second, external heatsinking will be required to maintain a maximum case temperature of +70°C.