SPECIFICATION SHEET
JFW MODEL 50S-1559
1P2T REFLECTIVE SOLID STATE RF SWITCH

Frequency Range 20–1000 MHz
Configuration 1P2T Reflective
Impedance 50 Ohms nominal
VSWR 1.4:1 maximum
Insertion Loss
0.50 dB maximum 20–500 MHz
0.75 dB maximum 500–1000 MHz
Isolation
50 dB minimum 20–500 MHz
40 dB minimum 500–1000 MHz
Switching Speed 40 microseconds
(50% TTL to 10% or 90% RF)
RF Input Power 150 Watts average (Cold switch)
50 Watts average (Hot Switch)
Control (1 line) TTL "Low" Common to J1
TTL "High" Common to J2
DC Supply +15 Vdc @ 250 mA nominal
and +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 (N)
092-5245 (SMA)

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