

SPECIFICATION SHEET

JFW MODEL 50S-1360+XX

1P3T NORMALLY OPENED ELECTROMECHANICAL RF SWITCH

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Frequency Range	DC-18 GHz
Configuration	1P3T Normally Open Reflective
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum DC-4 GHz 1.3:1 maximum 4-8 GHz 1.4:1 maximum 8-12 GHz 1.5:1 maximum 12-18 GHz
Insertion Loss	0.20 dB maximum DC-4 GHz 0.30 dB maximum 4-8 GHz 0.40 dB maximum 8-12 GHz 0.50 dB maximum 12-18 GHz
Isolation	70 dB minimum DC-4 GHz 65 dB minimum 4-8 GHz 60 dB minimum 8-12 GHz 60 dB minimum 12-18 GHz
Switching Speed	20 milliseconds
RF Input Power	400 Watts average DC-200MHZ 300 Watts average 200-500MHZ 200 Watts average 500-1000MHZ 100 Watts average 1-4GHZ 90 Watts average 4-8GHZ 70 Watts average 8-12GHZ 60 Watts average 12-18GHZ
Control (3 lines) (ONLY ONE ACTIVE PORT AT A TIME)	+XX is +12, +15, +24 or +28: ----- +12 Vdc (11-14V) @ 325 mA nominal +15 Vdc (13-17V) @ 280 mA nominal +24 Vdc (20-28V) @ 190 mA nominal +28 Vdc (24-32V) @ 160 mA nominal
Lifetime	1 million cycles minimum
Weight	4 oz. Nominal
DC Connector	Solder Terminals
RF Connector	SMA female
Operating Temperature Range	-20° to +65° C

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