

SPECIFICATION SHEET**JFW MODEL 50S-1772+XX****1P2T FAILSAFE REFLECTIVE ELECTROMECHANICAL RF SWITCH**

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range	DC-40 GHz
Configuration	1P2T Failsafe Reflective
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum DC-6 GHz 1.4:1 maximum 6-12 GHz 1.5:1 maximum 12-18 GHz 1.7:1 maximum 18-26.5 GHz 2.0:1 maximum 26.5-40 GHz
Insertion Loss	0.3 dB maximum DC-6 GHz 0.4 dB maximum 6-12 GHz 0.5 dB maximum 12-18 GHz 0.7 dB maximum 18-26.5 GHz 1.0 dB maximum 26.5-40 GHz
Isolation	70 dB minimum DC-6 GHz 60 dB minimum 6-12 GHz 60 dB minimum 12-18 GHz 55 dB minimum 18-26.5 GHz 50 dB minimum 26.5-40 GHz
Switching Speed	15 milliseconds
RF Input Power	80 Watts average DC-6 GHz 60 Watts average 6-12 GHz 50 Watts average 12-18 GHz 25 Watts average 18-26.5 GHz 10 Watts average 26.5-40 GHz
Control (1 line)	+XX is either +12, +15, +24 or +28: ----- +12 Vdc @ 185 mA nominal (11-14 Vdc) +15 Vdc @ 160 mA nominal (13-17 Vdc) +24 Vdc @ 120 mA nominal (20-28 Vdc) +28 Vdc @ 90 mA nominal (24-32 Vdc)
Lifetime	1 million cycles minimum
Weight	1.3 oz. nominal
DC Connector	Solder Terminals
RF Connector	2.9mm female
Temperature Ranges	-25°C to +65°C (operating) -55°C to +85°C (storage)
Physical Size	See outline drawing 092-8603

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/04/2016		TRS 04/04/2016				