

SPECIFICATION SHEET**JFW MODEL 50S-1314+XX****1P2T FAILSAFE REFLECTIVE ELECTROMECHANICAL RF SWITCH**

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Frequency Range	DC-12.4 GHz
Configuration	1P2T Failsafe Reflective (Failsafe COM to N.C.)
Impedance	50 Ohms nominal
VSWR	1.15:1 maximum DC-1GHz 1.20:1 maximum 1-2GHz 1.25:1 maximum 2-4GHz 1.35:1 maximum 4-8GHz 1.50:1 maximum 8-12.4GHz
Insertion Loss	0.15 dB maximum DC-1GHz 0.20 dB maximum 1-2GHz 0.25 dB maximum 2-4GHz 0.35 dB maximum 4-8GHz 0.50 dB maximum 8-12.4GHz
Isolation	85 dB minimum DC-1GHz 80 dB minimum 1-2GHz 70 dB minimum 2-4GHz 65 dB minimum 4-8GHz 60 dB minimum 8-12.4GHz
Switching Speed	20 milliseconds
RF Input Power	800 Watts average DC-0.5GHz 500 Watts average 0.5-1GHz 400 Watts average 1-2GHz 300 Watts average 2-4GHz 200 Watts average 4-8GHz 175 Watts average 8-12.4GHz
Control (1 line) (for COM to N.O.)	+XX is either +12,+15,+24 or +28: ----- +12Vdc(11-14V) @ 260 mA nominal +15Vdc(13-17V) @ 230 mA nominal +24Vdc(20-28V) @ 150 mA nominal +28Vdc(24-32V) @ 115 mA nominal
DC Connector	Solder terminals
RF Connector	N female
Operating Temperature Range	-20°C to +65°C
Physical Size	See outline drawing 092-4185

Add (-NR) for NON-RoHS version. (i.e. 50S-1314+12-NR N)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/05/2007		TRS 10/05/2007	26662	05/17/2016	C	TRS 05/17/2016
17802	10/23/2009	A	BAC 10/23/2009				
26537	04/12/2016	B	TRS 04/12/2016				