

SPECIFICATION SHEET**JFW MODEL 50S-1634+XX****1P6T NORMALLY OPENED REFLECTIVE
ELECTROMECHANICAL RF SWITCH**

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

Frequency Range	DC-40 GHz
Configuration	1P6T Normally Open 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	20 milliseconds
RF Input Power (cold switched)	40 Watts average DC-6 GHz 30 Watts average 6-12 GHz 25 Watts average 12-18 GHz 15 Watts average 18-26.5 GHz 8 Watts average 26.5-40 GHz
Control (6 lines)	+XX is either +12, +15, +24 or +28: ----- +12 Vdc @ 325 mA nominal (11-14 Vdc) +15 Vdc @ 280 mA nominal (13-17 Vdc) +24 Vdc @ 190 mA nominal (20-28 Vdc) +28 Vdc @ 160 mA nominal (24-32 Vdc) on control line corresponding to desired port (Only one active port at a time)
Lifetime	1 million cycles minimum
Weight	4 oz. Nominal
DC Connector	Solder Terminals
RF Connector	2.9mm female
Temperature Range	-20°C to +65°C (operating) -55°C to +85°C (storage)

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Physical Size

See outline drawing 092-5825



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/27/2008		BAC 06/27/2008				
26506	04/04/2016	A	TRS 04/04/2016				
33456	07/16/2024	B	TRS 07/16/2024				