

SPECIFICATION SHEET

JFW MODEL 50R-019

ROTARY ATTENUATOR

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Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-10 dB in 1 dB steps

VSWR 1.2:1 maximum DC-1000 MHz
1.4:1 maximum 1000-2200 MHz

Insertion Loss 0.2 dB maximum DC-1000 MHz
0.4 dB maximum 1000-2200 MHz

Attenuation Accuracy ± 0.2 dB maximum DC-1000 MHz
± 0.4 dB maximum 1000-2200 MHz

RF Input Power 2 Watts average
1000 Watts peak (1 usec pulse)

Direction of Rotation Attenuation increases in a Clockwise direction

Indexing 30 degrees with stops at Minimum and maximum

RF Connector BNC, RPT, SMA, TNC, BNC/SMA, N/SMA or TNC/SMA female

(SMA = two SMA female)
(RPT = two Reverse Polarity TNC female)
(N/SMA = one N female/one SMA female)

Operating Temperature Range -20°C to +85°C

Lifetime 500,000 attenuation steps

Knob/Panel Mounting Drawing 092-8435-01

Outline Drawings 092-427 (50R-019 BNC)
092-7394 (50R-019 RPT)
092-039 (50R-019 SMA)
092-6929 (50R-019 TNC)
092-049-01 (50R-019 BNC/SMA)
092-6194 (50R-019 N/SMA)
092-049-02 (50R-019 TNC/SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
17378	07/02/2009	C	TRS 07/02/2009	22960	06/24/2013	F	TRS 06/24/2013
18056	01/06/2010	D	TRS 01/06/2010	25776	09/28/2015	G	TRS 09/28/2015
21678	06/25/2012	E	TRS 06/25/2012	28157	10/05/2017	H	TRS 10/05/2017