

SPECIFICATION SHEET

JFW MODEL 50R-028

ROTARY ATTENUATOR

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Frequency Range DC-1000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-1 dB in 0.1 dB steps

VSWR 1.2:1 maximum

Insertion Loss 1 dB maximum

Attenuation Accuracy ± 0.03 dB DC-500 MHz
± 0.05 dB 500-1000 MHz

RF Input Power 2 Watts average

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 092-9529-01 (50R-028 SMA)
092-9529-02 (50R-028 BNC)
092-9529-03 (50R-028 TNC)
092-7394 (50R-028 RPT)
092-049-01 (50R-028 BNC/SMA)
092-049-02 (50R-028 TNC/SMA)
092-6194 (50R-028 N/SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
14521	08/07/2007	C	TRS 08/07/2007	25776	09/28/2015	F	TRS 09/29/2015
17378	07/02/2009	D	TRS 07/02/2009	28157	10/05/2017	G	TRS 10/05/2017
22960	06/24/2013	E	TRS 06/24/2013	30382	05/11/2020	H	TRS 05/11/2020