

SPECIFICATION SHEET

JFW MODEL 50R-029

ROTARY ATTENUATOR

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

Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-70 dB in 10 dB steps

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

Insertion Loss 0.3 dB maximum DC-1000 MHz
0.5 dB maximum 1000-2200 MHz

Attenuation Accuracy ± 0.5 dB or 1% DC-500 MHz
± 0.5 dB or 2% 500-1000 MHz
± 0.5 dB or 3% 1000-2200 MHz
(whichever is greater)

RF Input Power 2 Watts average
1000 Watts peak

Direction of Rotation Attenuation increases in a Clockwise direction

Indexing 30 degrees with stops at
Minimum and maximum

RF Connector BNC, N, SMA, TNC or 4.1/9.5

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

Outline Drawing Numbers 092-428-01 (50R-029 BNC)
092-428-02 (50R-029 BNC/SMA)
092-428-03 (50R-029 N)
092-428-04 (50R-029 N/SMA)
092-428-05 (50R-029 TNC)
092-428-06 (50R-029 TNC/SMA)
092-428-07 (50R-029 SMA)
092-428-08 (50R-029 N F/M)
092-428-09 (50R-029 N M/F)
092-428-10 (50R-029 TNC M/F)
092-8368 (50R-029 4.1/9.5)

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 2639 | 03/23/2001 | B | | 18358 | 03/05/2010 | E | TRS 03/05/2010 |
| 9999 | 04/21/2003 | C | BAC 12/06/2005 | 25572 | 07/28/2015 | F | TRS 07/28/2015 |
| 17378 | 07/02/2009 | D | TRS 07/02/2009 | 25732 | 09/10/2015 | G | TRS 09/10/2015 |