

**SPECIFICATION SHEET****JFW MODEL 75R-002****ROTARY ATTENUATOR**

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

|                             |                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|
| Frequency Range             | DC-500 MHz                                                                                                          |
| Impedance                   | 75 Ohms nominal                                                                                                     |
| Attenuation Range           | 0-10 dB in 1 dB steps                                                                                               |
| VSWR                        | 1.3:1 maximum                                                                                                       |
| Insertion Loss              | 0.4 dB maximum                                                                                                      |
| Attenuation Accuracy        | ± 0.1 dB maximum DC-30 MHz<br>± 0.2 dB maximum 30-300 MHz<br>± 0.3 dB maximum 300-500 MHz<br>(whichever is greater) |
| RF Input Power              | 1 Watt average<br>1000 Watts peak                                                                                   |
| Direction of Rotation       | Attenuation increases in a Counter-Clockwise direction                                                              |
| Indexing                    | 30 degrees with stops at minimum and maximum                                                                        |
| RF Connector                | BNC, F or N female                                                                                                  |
| Operating Temperature Range | -20°C to +85°C                                                                                                      |
| Knob/Panel Mounting Drawing | 092-8435-03                                                                                                         |
| Outline Drawings            | 092-002-01 (75R-002 BNC)<br>092-002-02 (75R-002 F)<br>092-002-04 (75R-002 N)                                        |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 4663      | 08/20/2004 | B   | CLV 08/20/2004 | 25779     | 09/29/2015 | D   | TRS 09/29/2015 |
| 9999      | 05/20/2003 | A   | BAC 08/20/2004 |           |            |     |                |
| 17378     | 07/02/2009 | C   | TRS 07/02/2009 |           |            |     |                |