

**SPECIFICATION SHEET**

**JFW MODEL 57ZTT-AA AND 75ZTT-AA**

**IMPEDANCE MATCHING TRANSFORMER**

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

|                             |  |
|-----------------------------|--|
| Frequency Range             | 800-2200 MHz   |
| Impedance                   | 57ZTT-AA: 50 Ohm male<br>75 Ohm female<br><br>75ZTT-AA: 75 Ohm male<br>50 Ohm female         |
| VSWR                        | 1.3:1 maximum  |
| Insertion Loss              | 0.5 dB maximum   |
| DC and 10MHz Specifications | Insertion Loss @ 10MHz: 0.5dB Max<br>DC Resistance: 0.5 Ohms Max<br>DC Current: 2.5 Amps Max |
| RF Input Power              | 20 Watts average   |
| DC Current Passing          | 2 Amps maximum   |
| RF Connector                | BNC, N, TNC, or F (75 Ohm side)<br>BNC, N, TNC, or SMA (50 Ohm side)                         |
| Operating Temperature Range | -55°C to +85°C   |

**--CONTINUED--**

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Available outline drawings:

|                       |             |                  |             |
|-----------------------|-------------|------------------|-------------|
| 57ZTT-AA BNC M/F      | 092-5752    | 75ZTT-AA BNC M/F | 092-6683-02 |
| 57ZTT-AA B M/F F      | 092-6683-19 | 75ZTT-AA B M/S M | 092-6683-11 |
|                       |             | 75ZTT-AA B M/S F | 092-6683-12 |
| 57ZTT-AA N M/F        | 092-6683-04 | 75ZTT-AA B M/N F | 092-6683-22 |
| 57ZTT-AA N F/F F      | 092-6683-20 |                  |             |
| 57ZTT-AA N M/B F      | 092-6683-17 | 75ZTT-AA F F/N F | 092-6683-10 |
| 57ZTT-AA N M/F F      | 092-6407    | 75ZTT-AA F F/S F | 092-6683-09 |
| 57ZTT-AA N M/T F      | 092-6683-18 | 75ZTT-AA F M/B F | 092-6683-08 |
|                       |             | 75ZTT-AA F M/N F | 092-6683-07 |
| 57ZTT-AA S F/B F      | 092-6683-13 | 75ZTT-AA F M/S F | 092-6683-06 |
| 57ZTT-AA S F/F F      | 092-6683-03 | 75ZTT-AA F M/S M | 092-6683-05 |
| 57ZTT-AA S M/B F      | 092-6683-15 | 75ZTT-AA F M/T F | 092-6518    |
| 57ZTT-AA S M/F F      | 092-6023    |                  |             |
| 57ZTT-AA S M/N F      | 092-6683-14 | 75ZTT-AA N M/F   | 092-3183    |
| 57ZTT-AA N F BULK/F F | 092-6683-23 | 75ZTT-AA N M/S F | 092-6683-01 |
| 57ZTT-AA S F/F F PM   | 092-6683-24 |                  |             |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 19103     | 09/08/2010 | I   | TRS 09/08/2010 | 19791     | 03/03/2011 | L   | BAC 03/03/2011 |
| 19295     | 10/22/2010 | J   | BAC 10/22/2010 | 20285     | 06/30/2011 | M   | BAC 06/30/2011 |
| 19338     | 10/28/2010 | K   | BAC 10/28/2010 | 20410     | 08/03/2011 | N   | BAC 08/03/2011 |