


**TRILITHIC**  
**Specification Sheet**  
**MODEL XDC-5XX\*8-2.5-SMA-R**  
**Broadband Directional Couplers**

**Frequency Range:** 0.8-2.5 GHz  
**Impedance:** 50 Ohms nominal  
**Coupling:** 6dB +/- 1.0dB maximum  
                   10dB +/- 1.0dB maximum  
                   20dB +/- 1.0dB maximum  
                   30dB +/- 1.0 dB maximum  
**Frequency Sensitivity:** +/- 0.7dB maximum  
**Insertion Loss:** 6dB 0.5dB maximum  
                       10dB 0.5dB maximum  
                       20dB 0.4dB maximum  
                       30dB 0.4dB maximum  
**Directivity:** 20dB minimum  
**VSWR:** 1.20:1 maximum  
**Power Input:** 50 Watts CW  
**RF Connectors:** SMA Female  
**Operating Temperature:** -55deg. C to +85 deg. C

\* insert desired coupling value to replace XX

ECR/PRR #	Date	APPR

Approved By: \_\_\_\_\_

**Approved Internet/Email Copy**

