

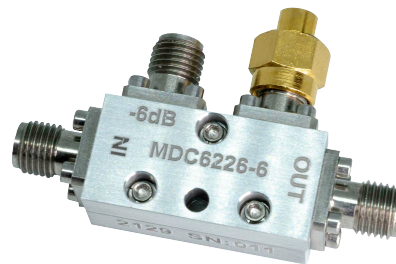


Data sheet MDC6226 Series REV A

# 4.0 - 8.0 GHz.

## Model: MDC6226 Series

Coupling Values: 6 dB, 10 dB, 18,dB, 20 dB, 30 dB

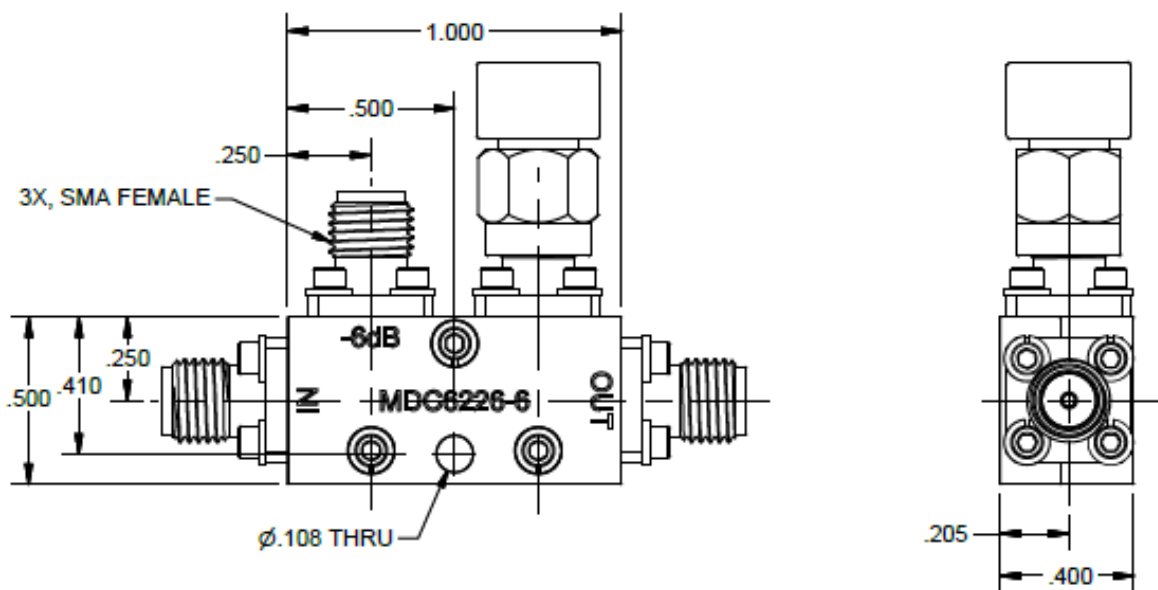


**MDC6226 MINI-LINE Series** couplers feature reliable Stripline construction using multi-section designs which provides power sampling up to 50 watts CW in miniature coaxial packages that have proven performance and reliability under extreme envi-ronmental conditions. Couplers exhibit excellent performance and may be used in a wide variety of applications includ-ing military, commercial, broadcast, medical, aerospace and wireless. All couplers are manufactured in the USA.

Model Number	*Coupling (dB)	Frequency Sensitivity (dB)	Ins. Loss (dB max.) Excl. Coupling Loss		Directivity (dB)		VSWR (max.)		Power (Watts max.)		
			Loss	True	TYP	MIN	Primary Line	Coupled Port	Average Incident	Average Reflected	Peak
MDC6226-6	6 ± 1.00	± 0.60	0.25	1.90	20	17	1.25	1.25	50	2	3k
MDC6226-10	10 ± 1.25	± 0.75	0.25	0.90	20	17	1.25	1.25	50	5	3k
MDC6226-18	18 ± 1.25	± 0.75	0.25	0.30	20	17	1.25	1.25	50	50	3k
MDC6226-20	20 ± 1.25	± 0.75	0.25	0.30	20	17	1.25	1.25	50	50	3k
MDC6226-30	30 ± 1.25	± 0.75	0.25	0.25	20	17	1.25	1.25	50	50	3k

Specifications subject to change without notice

\* Theoretical Coupling Loss Not Included



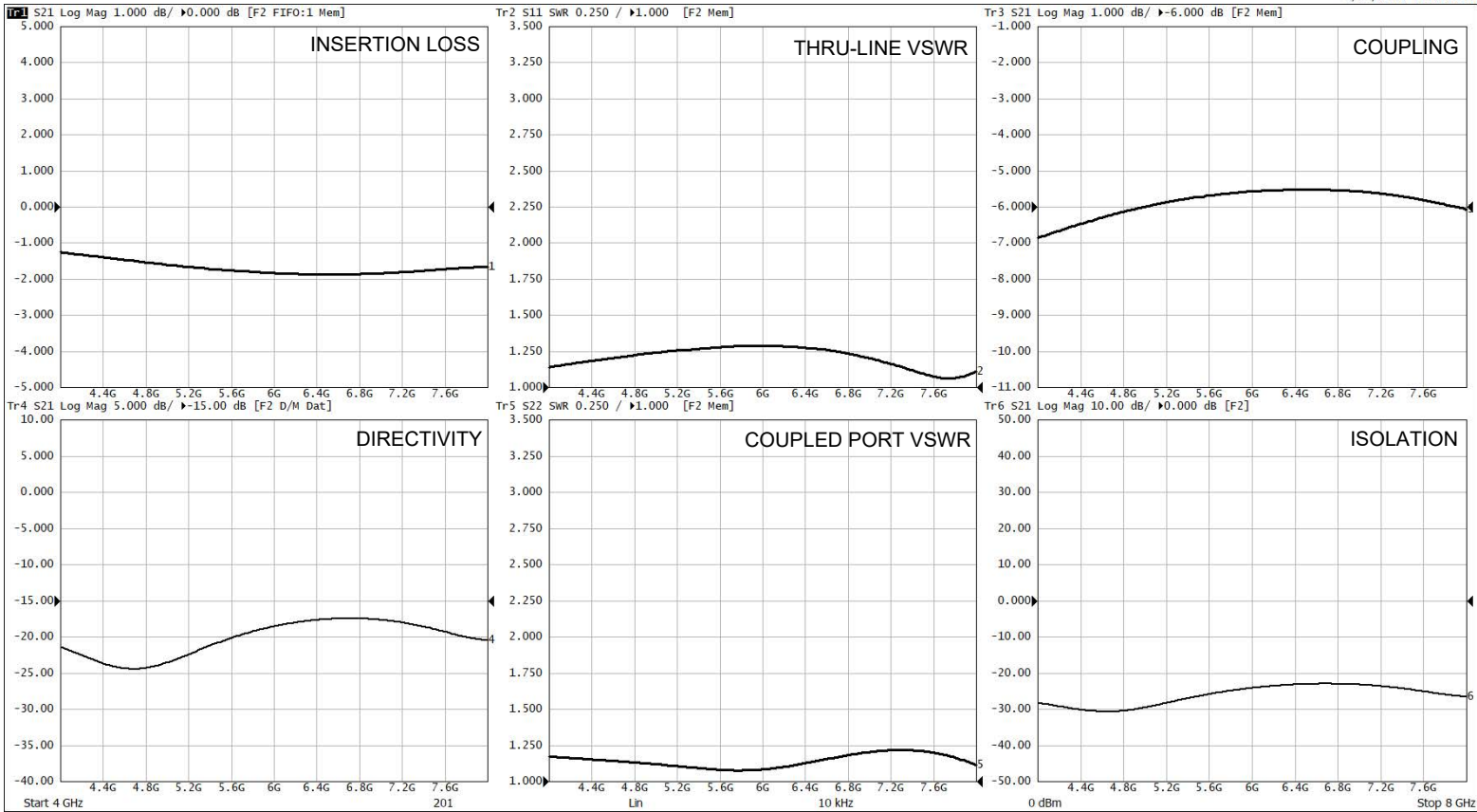


Data sheet MDC6226 Series REV A

**Typical Performance Data**

Model MDC6226-6 Used For Typical Test Data

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All Specifications subject to change without notice

**MECHANICAL SPECIFICATION**

- Case Material: Aluminum Alloy, 6061-T651
- Finish: Chem-Film Conversion, Clear. MIL-DTL-55413
- Connectors: SMA, Female, Stainless Steel
- Marking: LASER Engraved Per MIL-STD-130
- Storage Temp: -55°C To +150°C
- Tolerance: ±.010" (Unless Specified)

**NOTES:**

- ALL TEST DATA IS TAKEN AT BASE-PLATED MAINTAINED @25°C USING A CALIBRATED NETWORK ANALYZER.
- For more information please contact: [sales@p3-rf.com](mailto:sales@p3-rf.com)

