

DESCRIPTION

PMI MODEL APD-2-812D4-30W-SFF IS A 2 WAY POWER DIVIDER WITH AN OPERATING FREQUENCY RANGE OF 8-12.4GHz. FEATURES OF THIS MODEL INCLUDE: EXCELLENT PHASE AND AMPLITUDE BALANCE, LOW INSERTION LOSS AND VSWR, AND HIGH ISOLATION.

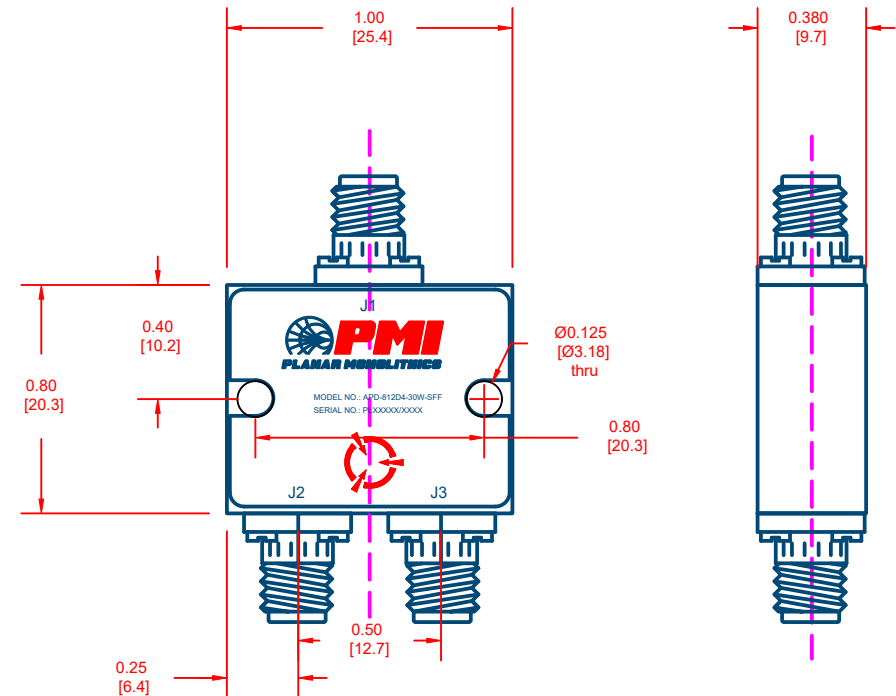
SPECIFICATIONS

- FREQUENCY RANGE: 8 GHz TO 12.4 GHz
- INSERTION LOSS: 0.4dB MAX. (ABOVE 3.01dB SPLIT)
- VSWR: INPUT 1.35:1 MAX. OUTPUT 1.35:1 MAX.
- ISOLATION: 20dB MIN.
- AMPLITUDE BALANCE: ± 0.2 dB MAX.
- PHASE BALANCE: $\pm 4^\circ$ MAX.
- POWER HANDLING: FORWARD ≤ 30 WATT; REVERSED ≤ 1 WATT
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA-FEMALE
- FINISH: PAINTED BLUE
- WEIGHT: 30g

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: UP TO 95%, NON-CONDENSING

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/09/20	
	A2	ECN # 26-0042	3/6/26	



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APPROVALS		DATE	TITLE		
DRAWN EIM		11/03/20	OUTLINE DRAWING APD-2-812D4-30W-SFF		
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. 27040220
ISSUED			SCALE N:S		REV. A2
				SHEET	1 OF 1

PMI CONFIDENTIAL AND PROPRIETARY