

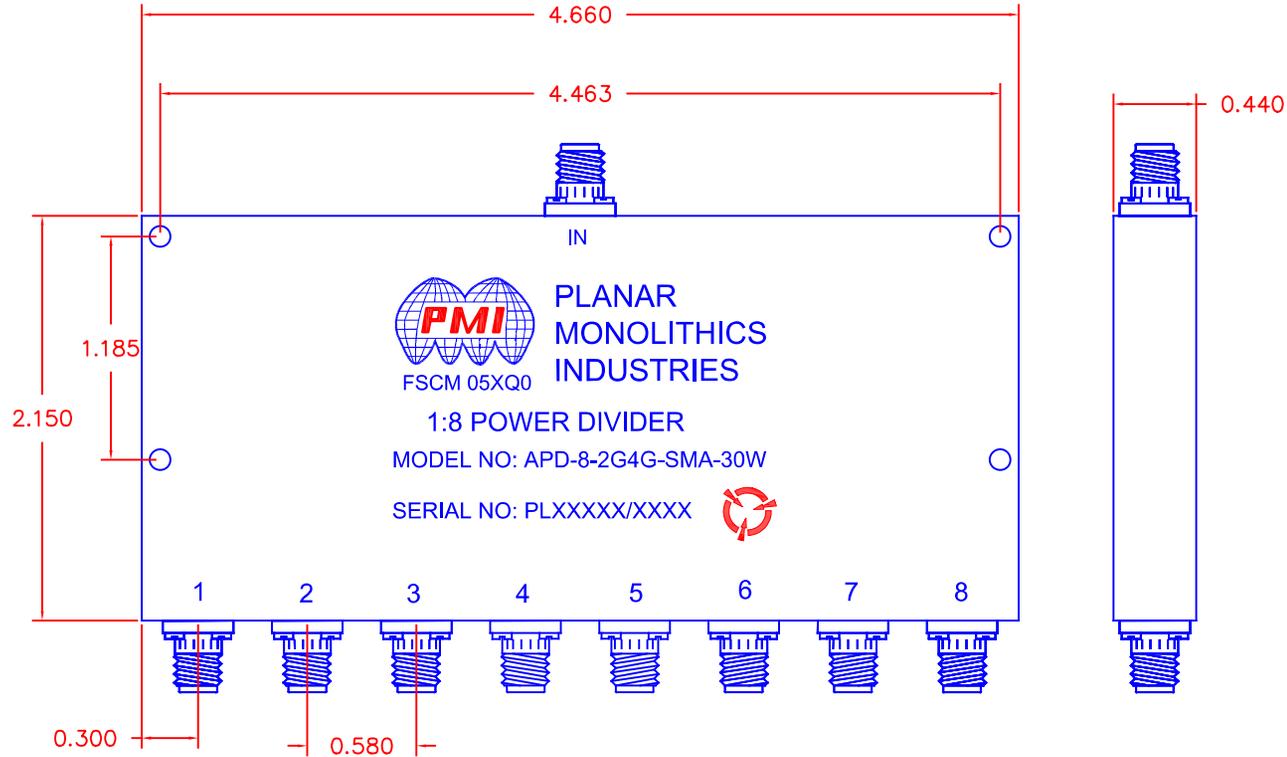
DESCRIPTION:

PMI MODEL NUMBER APD-8-2G4G-SMA-30W IS AN 8-WAY POWER DIVIDER OPERATING OVER THE 2 TO 4 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A LOW INSERTION LOSS OF 0.6 dB MAX AND AN ISOLATION OF 22 dB MIN.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/17/2024	

SPECIFICATIONS:

- FREQUENCY: 2 to 4 GHz
- INSERTION LOSS: 0.6 dB max
(Above 9.03 dB Split)
- VSWR Input: 1.35:1 max
Output: 1.22:1 max
- ISOLATION 22 dB min
- AMPLITUDE BALANCE ±0.2 dB max
- PHASE BALANCE: ±2° max
- POWER HANDLING: Forward 30 Watts max
Reverse 1 Watt max
- IMPEDENCE 50 ohms
- CONNECTORS: SMA (F)
- SIZE 4.66" X 2.15" X 0.44"
- FINISH PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)
- HUMIDITY: UP TO 90%, NON-CONDENSING
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-810F TEST METHOD, METHOD 514, PROCESS 1 (3 GRAMS, 3 AXIS)
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN		AG	PRODUCT FEATURE		
CHECKED		9/17/2024	APD-8-2G4G-SMA-30W		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION