

DESCRIPTION

PMI MODEL NO. APD-26-910R2-SFF-30W IS A 26-WAY, UNEQUAL POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 9.0 TO 10.2 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND A MINIMUM ISOLATION OF 20 dB. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 9.0 TO 10.2 GHz
- INSERTION LOSS: ----- 1.0 dB MAX
- VSWR: ----- 1.4:1 MAX
- ISOLATION: ----- 20 dB MIN
- OUTPUT POWER/PORT: ----- J1: -36.2237 ± 0.5 dB
J2: -35.4068 ± 0.5 dB
J3: -34.0314 ± 0.5 dB
J4: -32.4181 ± 0.5 dB
J5: -30.8064 ± 0.5 dB
J6: -29.3313 ± 0.5 dB
J7: -28.0529 ± 0.5 dB
J8: -26.9879 ± 0.5 dB
J9: -26.1323 ± 0.5 dB
J10: -25.4737 ± 0.5 dB
J11: -24.9964 ± 0.5 dB
J12: -24.6867 ± 0.5 dB
J13: -24.5350 ± 0.5 dB
J14: -24.5350 ± 0.5 dB
J15: -24.6867 ± 0.5 dB
J16: -24.9964 ± 0.5 dB
J17: -25.4737 ± 0.5 dB
J18: -26.1323 ± 0.5 dB
J19: -26.9879 ± 0.5 dB
J20: -28.0529 ± 0.5 dB
J21: -29.3313 ± 0.5 dB
J22: -30.8064 ± 0.5 dB
J23: -32.4181 ± 0.5 dB
J24: -34.0314 ± 0.5 dB
J25: -35.4068 ± 0.5 dB
J26: -36.2237 ± 0.5 dB
- PHASE BALANCE: ----- ±3° MAX
- POWER HANDLING: ----- 30 WATTS AVERAGE
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)
-55 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

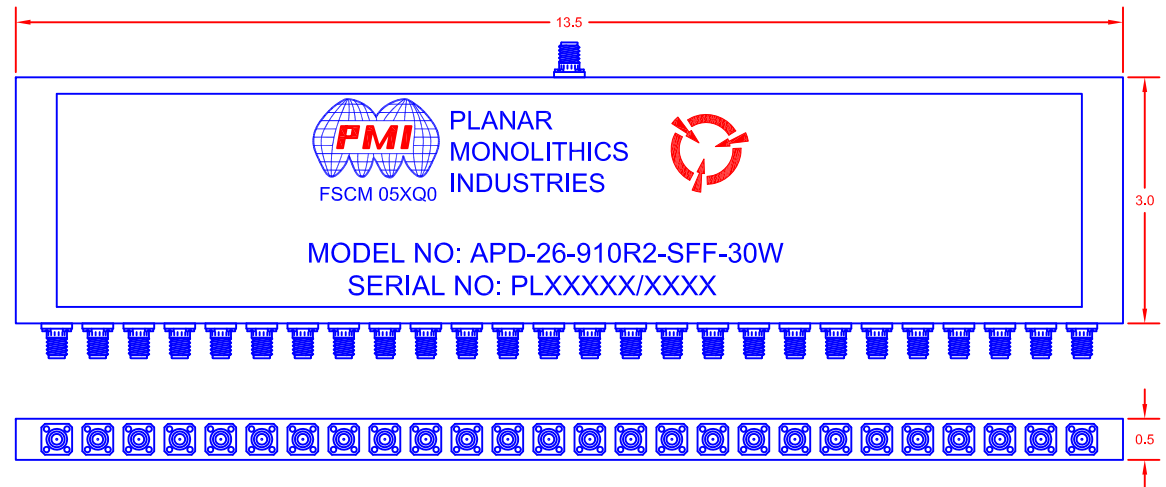
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	7/31/2019	
	1	UPDATED DESCRIPTION	8/1/2019	
	2	UPDATED SPECS	8/6/2019	

MECHANICAL OUTLINE



ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X,XX ±0.020
X,XXX ±0.010

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APPROVALS		DATE	TITLE		
DRAWN <i>EW</i>		7/31/19	PRODUCT FEATURE APD-26-910R2-SFF-30W		
REDRAWN			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1
					REV. 2