

DESCRIPTION

PMI MODEL NO. APD-8-2G18G-NFF IS A 8-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 2 TO 18 GHz. IT HAS A MINIMUM ISOLATION OF 16 dB. THIS MODEL IS OUTFITTED WITH N FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 2 to 18 GHz
- INSERTION LOSS: ----- 2.9 dB MAXIMUM (ABOVE 9.03 dB SPLIT)
- VSWR INPUT/OUTPUT: ----- 1.70:1 MAXIMUM/1.50:1 MAXIMUM
- ISOLATION: ----- 16 dB MINIMUM
- AMPLITUDE BALANCE: ----- 0.7 dB MAXIMUM
- PHASE BALANCE: ----- $\pm 8^\circ$ MAXIMUM
- POWER HANDLING: ----- FORWARD: 10 WATTS MAXIMUM
REVERSED: 1 WATT MAXIMUM
- IMPEDANCE: ----- 50 OHMS
- PORT CONNECTORS: ----- N-FEMALE
- Finish: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- UP TO 95%, NON-CONDENSING
- 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

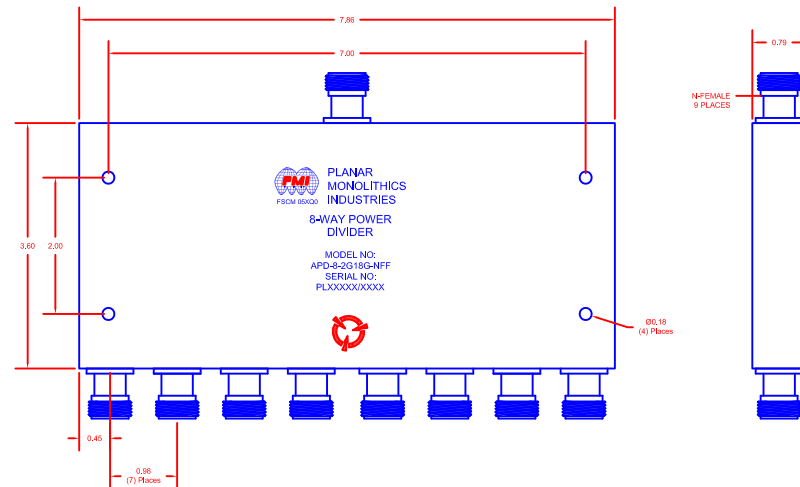
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	5/20/2021	

MECHANICAL OUTLINE



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APPROVALS		DATE	TITLE				REV.
DRAWN <i>AF</i>		5/20/2021	PRODUCT FEATURE APD-8-2G18G-NFF				-
REDRAWN			SIZE	FSCM NO.	DWG NO.		
ISSUED			A	05XQ0	PRELIMINARY		
			SCALE	N:S	SHEET	1 OF 1	