

DESCRIPTION

PMI MODEL APD-2-2G18G-GC-SMF IS A 2-WAY POWER DIVIDER OPERATING OVER THE 2.0 TO 18.0 GHz FREQUENCY RANGE. THIS UNIT OFFERS A MINIMUM ISOLATION OF 20 dB, A MAXIMUM INSERTION LOSS OF 1 dB, AND AN AMPLITUDE BALANCE OF ±0.3 dB MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE: 2.0 TO 18.0 GHz
- ISOLATION: 20 dB MIN
- VSWR (INPUT): 1.30:1 MAXIMUM @ 2.0 TO 8.0 GHz
1.40:1 MAXIMUM @ 8.0 TO 18.0 GHz
- VSWR (OUTPUT): 1.25:1 MAXIMUM @ 2.0 TO 8.0 GHz
1.40:1 MAXIMUM @ 8.0 TO 18.0 GHz
- **INSERTION LOSS: 0.5 dB MAXIMUM @ 2.0 TO 8.0 GHz
1.2 dB MAXIMUM @ 8.0 TO 18.0 GHz
- AMPLITUDE BALANCE: ±0.2 dB MAXIMUM @ 2.0 TO 8.0 GHz
±0.3 dB MAXIMUM @ 8.0 TO 18.0 GHz
- PHASE BALANCE: 5° MAXIMUM
- POWER HANDLING: 30 W MAXIMUM FORWARD
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE
- WEIGHT: 1.4 Ounces
- SIZE: 41.91 mm X 25.40 mm X 10.16 mm
1.65" X 1.00" X 0.40"
- FINISH: PAINTED BLUE

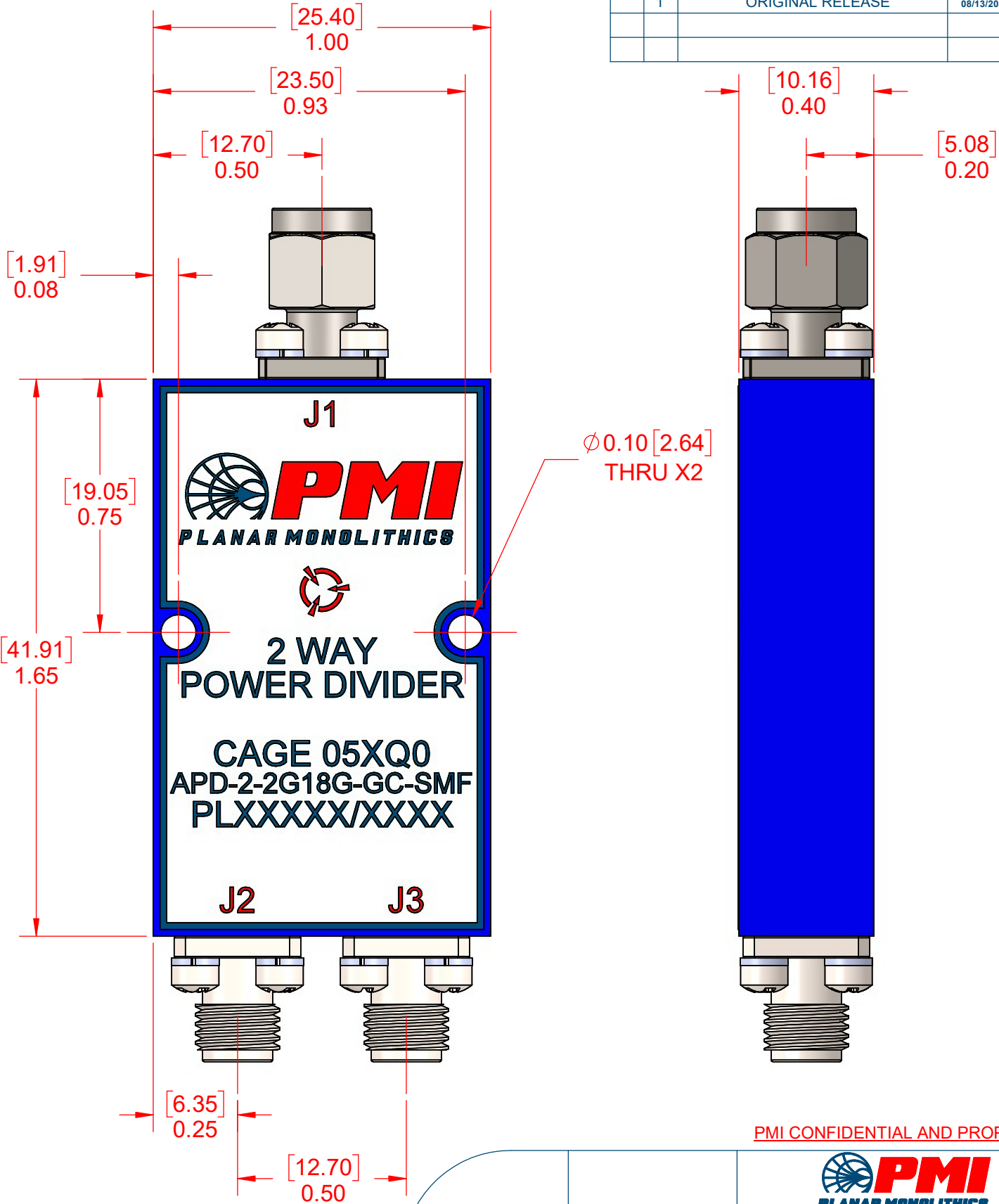
**THEORETICAL INSERTION LOSS OF A 2-WAY POWER DIVIDER IS 3 dB

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: UP TO 90%, NON-CONDENSING

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	08/13/2026	



PMI CONFIDENTIAL AND PROPRIETARY

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	APPROVALS	DATE	TITLE PRODUCT FEATURE APD-2-2G18G-GC-SMF			
	DRAWN A. SABADOS REDRAWN	08/13/2026				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01	ISSUED	SIZE B	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. 1	
			SCALE 2:1		SHEET 1 OF 1	