

## DESCRIPTION

PMI MODEL: APD-2-18G40G-20W-292FF-CC IS A 2-WAY POWER DIVIDER OPERATING BETWEEN 18 TO 40 GHz. THIS MODEL OFFERS LOW INSERTION LOSS OF 1.5 dB MAXIMUM AS WELL AS HAVING 18 dB OF ISOLATION.

## SPECIFICATIONS

- FREQUENCY RANGE: ----- 18.0 TO 40.0 GHz
- INSERTION LOSS (ABOVE 3.0 dB): - 1.5 dB MAXIMUM
- ISOLATION: ----- 18 dB MINIMUM
- VSWR: ----- 1.6:1 MAXIMUM
- AMPLITUDE BALANCE: ----- ±0.3 dB MAXIMUM
- PHASE BALANCE: ----- ±4° MAXIMUM
- POWER HANDLING: ----- 20 W CW MAXIMUM  
3 kW PEAK MAXIMUM
- IMPEDANCE: ----- 50 Ω
- CONNECTORS: ----- 2.92mm FEMALE
- SIZE: ----- 1.06" x 0.85" x 0.50"  
26.92 mm x 21.59 mm 12.70 mm
- WEIGHT: ----- 1.59 oz [45 g] MAXIMUM
- FINISH: ----- PAINTED BLUE  
CONFORMAL COATING
- SEALING: ----- IP 66

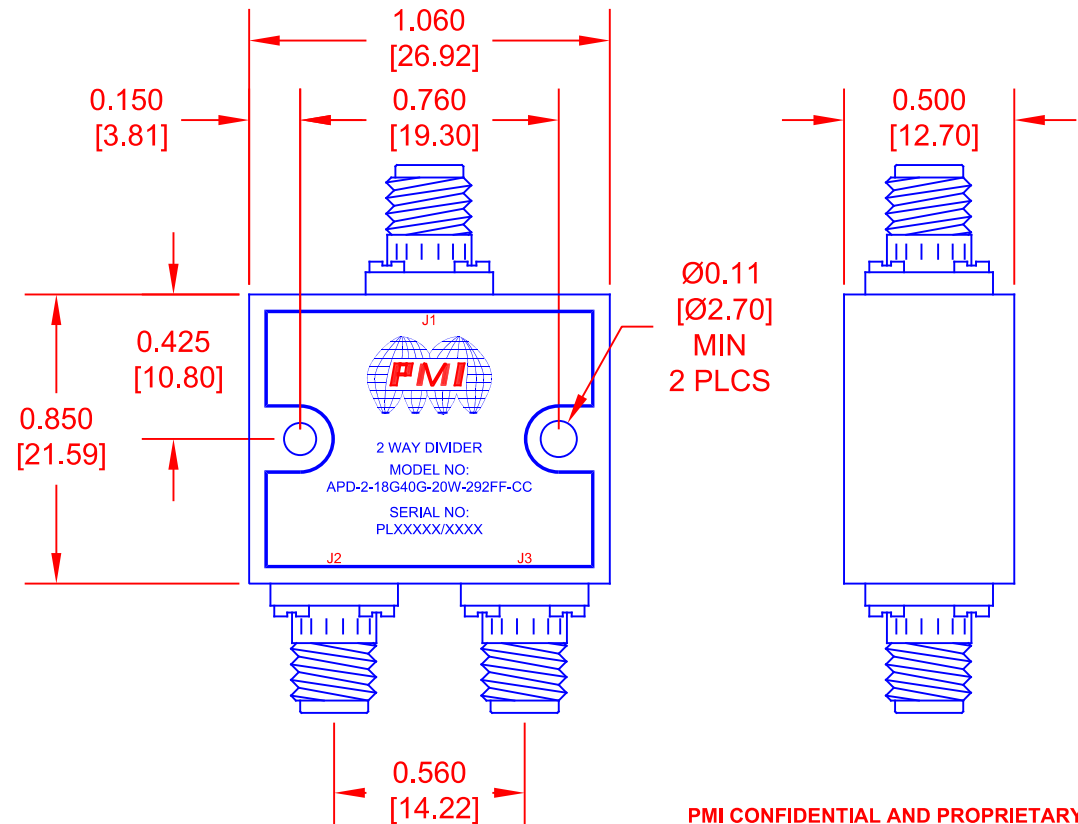
## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +105 °C (OPERATING)
- HUMIDITY: ----- 100%, CONDENSING

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	08/14/25	
<b>MECHANICAL OUTLINE</b>				



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



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

APPROVALS		DATE	TITLE		
DRAWN AG		08/14/25	PRODUCT FEATURE APD-2-18G40G-20W-292FF-CC		
REDRAW			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		SHEET 1 OF 1