

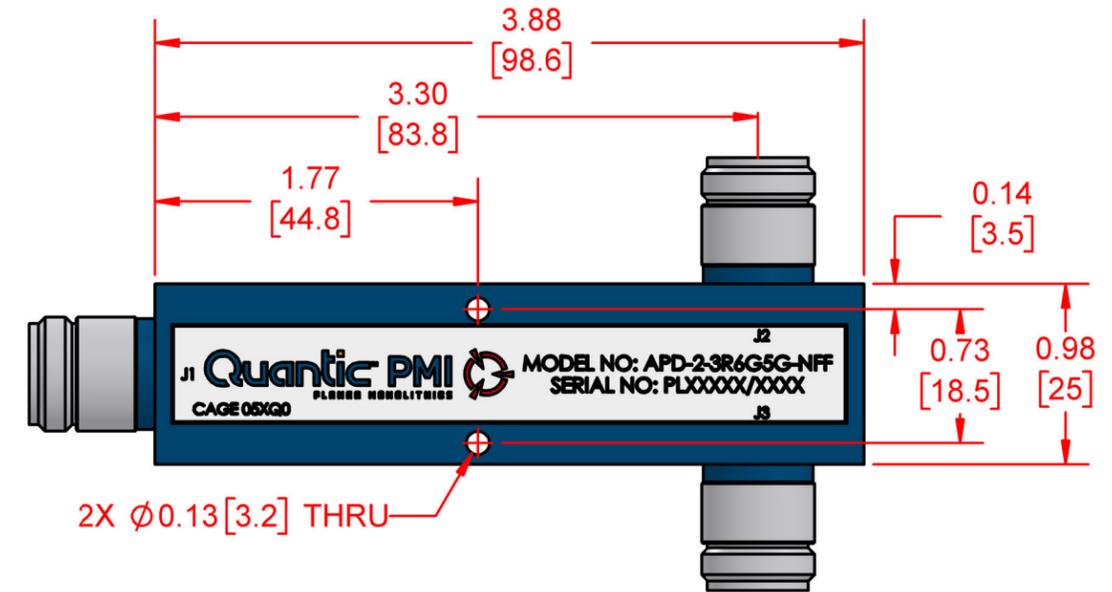
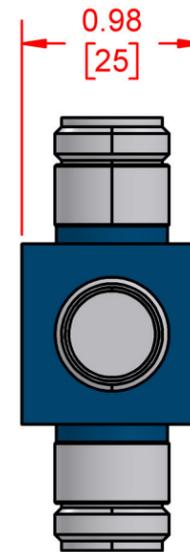
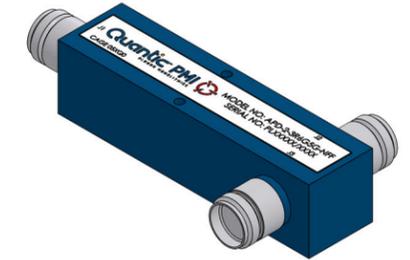
DESCRIPTION:

PMI MODEL NO. APD-2-3R6G5G-NFF IS A 2-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 3.6 TO 5.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 0.3 dB AND A MAXIMUM VSWR OF 1.25. THIS MODEL IS OUTFITTED WITH N FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/16/2023	
	A2	ECN # 24-0189	7/9/2024	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 3.6 TO 5.0 GHz
- INPUT PORT NUMBER:..... 1 (J1)
- OUTPUT PORT NUMBER:..... 2 (J2, J3)
- SPLIT LOSS:..... 3.0 dB
- INSERTION LOSS:..... 0.3 dB MAX
- PIM @ 2 X 43 dBm:..... -161 dBc MAX (1900 MHz, 2600 MHz)
- VSWR Input:..... 1.25:1 MAX
- AVERAGE POWER:..... 300 W
- RETURN LOSS:..... 19.1 dB MIN
- IMPEDANCE:..... 50 Ω INPUT, 25 Ω OUTPUT
- CONNECTORS:..... N FEMALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -25°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- RELATIVE HUMIDITY:..... UP TO 100%
- 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 TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN J ESCANO REDRAWN ISSUED		DATE	TITLE OUTLINE APD-2-3R6G5G-NFF		
		1/16/2023	SIZE	FSCM NO.	DWG NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		B	05XQ0	27045920	A2
		SCALE 1:1			SHEET 1 OF 1

