

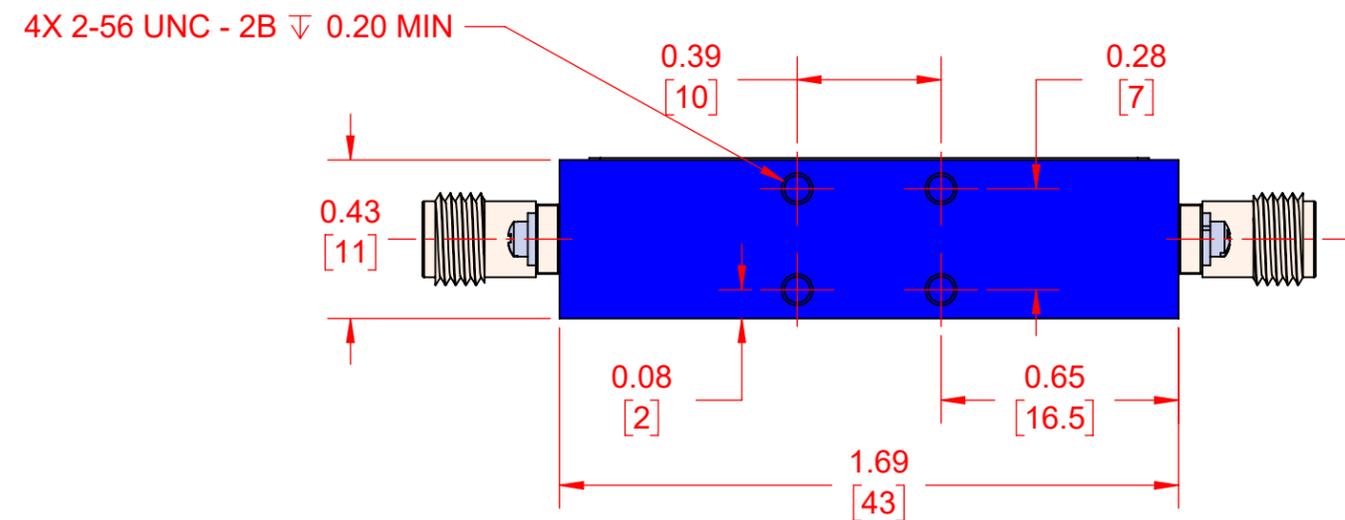
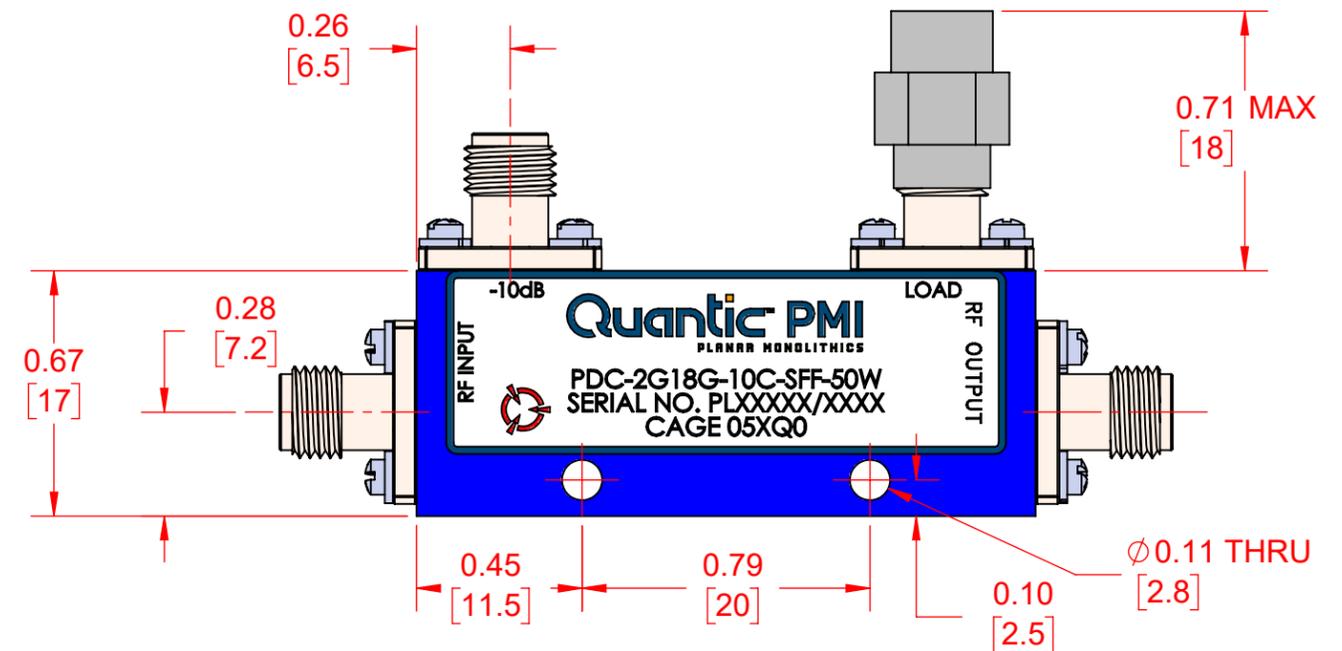
DESCRIPTION:

PMI MODEL NO. PDC-2G18G-10C-SFF-50W IS A DIRECTIONAL COUPLER THAT OPERATES OVER THE FREQUENCY RANGE OF 2.0 GHz TO 18.0 GHz.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/29/2024	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 2.0 GHz TO 18.0 GHz
- INSERTION LOSS:..... 0.7 dB MAX
EXCLUDING COUPLING LOSS 0.46 dB
- COUPLING FACTOR:..... 10 ±0.7 dB MAX
- COUPLING SENSITIVITY:..... ±0.7 dB MAX
- DIRECTIVITY:..... 15 dB MIN
- VSWR:..... PRIMARY: 1.40:1 MAX
SECONDARY: 1.40:1 MAX
- POWER HANDLING:..... INCIDENT: 50 W MAX
REFLECTED: 2 W MAX
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... SMA FEMALE
- WEIGHT:..... 30 g
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

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

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

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± .XXX ± 0.005		PART NO.		 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 862-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED	
MATERIAL:		APPROVALS	DATE		
FINISH:		DRAWN S LANGE	10/29/2024	TITLE OUTLINE PDC-2G18G-10C-SFF-50W	
NEXT ASSY	USED ON	ISSUED		SIZE B	FSCM NO. 05XQ0
APPLICATION				DWG NO. 27050160	REV. A1
				SCALE 2:1	SHEET 1 OF 1