

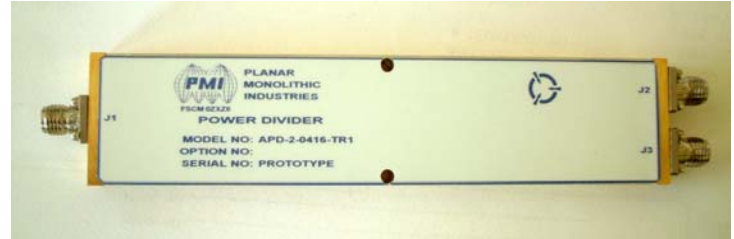


**PLANAR
MONOLITHICS
INDUSTRIES, INC.**

**0.4 GHz TO 16 GHz
2 WAY POWER DIVIDER
PMI MODEL No:
APD-2-0416-YR1**

KEY FEATURES:

- **0.4 TO 16 GHz**
- **4.0dB max. Insertion Loss**
- **16dB min. Isolation**
- **±0.75dB max. Amplitude Balance**
- **±5° max. Phase Balance**



SPECIFICATIONS:

Frequency Range	0.4-16.0 GHz
Insertion Loss	0.4 to 6GHz, 1.8dB max.
	6 to 16GHz, 4.0 dB max.
VSWR	0.4 to 6GHz, 1.5:1 max.
	6 to 16GHz, 1.75:1 max.
Isolation	0.4 to 6GHz, 16dB min.
	6 to 16GHz, 18dB min.
Amplitude Balance	0.4 to 6GHz, ±0.4dB max.
	6 to 16GHz, ±0.75dB max.
Phase Balance	0.4 to 6GHz, ±2.5° max.
	6 to 16GHz, ±5° max.
Average Power Into Load VSWR	1.2:1 25 watts
	2.0:1 7.5 watts
	∞:1 0.75 watts
Size	4.50"L x 1.00"W x 0.40"H



**PLANAR
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2 GHz TO 18 GHz HIGH BAND DIRECTION FINDING MODULE

**PMI MODEL No:
HBDFM-218-BD-DP**

SPECIFICATIONS:

DF/Level Attenuator:

Attenuation Range	64 dB
Number of Bits	8
LSB	0.25 dB
Control	TTL, Positive-True
Resolution	0.25 dB (LSB)
Commands	0 dB = 00H, 64 dB = FFh
Switching Time	700 nS Max to ± 1 dB of Final Attenuation Value
Repeatability	0.125 dB Max

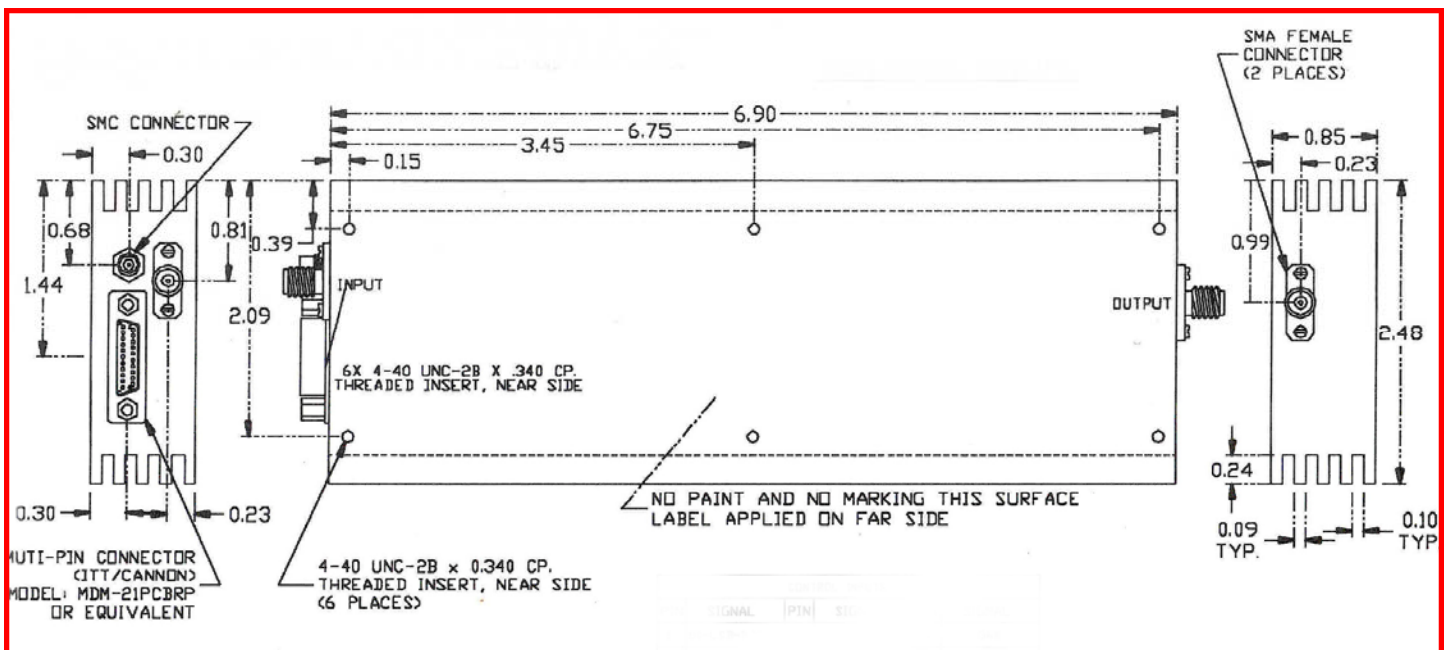
Switched Filters:

Switching Speed 700 nS Max

DC Power Inputs

+5 VDC $\pm 3\%$ @ 250 mA Max.
 +12 VDC $\pm 5\%$ @ 3,333 mA Max.
 -15 VDC $\pm 5\%$ @ 250 mA Max.
 DCV Ripple: Up to 250 mV Peak-To-Peak @ 40 KHz to 40 MHz

MECHANICAL OUTLINE:



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