



**PLANAR
MONOLITHICS
INDUSTRIES, INC.**

0.5 GHz TO 18 GHz 2 WAY POWER DIVIDER PMI MODEL No: APD-2-0518-YR1

KEY FEATURES:

- **0.5 TO 18 GHz**
- **3.5dB max. Insertion Loss**
- **16.5dB min. Isolation**
- **±0.45dB max. Amplitude Balance**
- **±5° max. Phase Balance**



SPECIFICATIONS:

Frequency Range	0.5-18.0 GHz
Insertion Loss	0.5 to 8GHz, 1.85dB max.
	8 to 18GHz, 3.5 dB max.
VSWR	0.4 to 8GHz, 1.5:1 max.
	8 to 18GHz, 1.6:1 max.
Isolation	0.4 to 8GHz, 16.5dB min.
	8 to 18GHz, 21 dB min.
Amplitude Balance	0.4 to 8GHz, ±0.2dB max.
	8 to 18GHz, ±0.45dB max.
Phase Balance	0.4 to 8GHz, ±4° max.
	8 to 18GHz, ±5° max.
Average Power Into Load VSWR	1.2:1 25 watts
	2.0:1 7.5 watts
	∞:1 0.75 watts
Size	3.75”L x 1.00”W x 0.40”H