

EPD-0018-SF

2-WAY RESISTIVE POWER DIVIDER, DC – 18 GHz, 0.5 W

REV 1.00



The EPD-0018-SF is an ultra-wide bandwidth 2-way in-phase resistive power divider that delivers exceptional performance in a small package size.

Features and Applications

- DC to 18GHz in-phase power splitting
- Compact size
- Low insertion loss
- Electronic Warfare, Radar, Test & Measurements

ELECTRICAL SPECIFICATIONS

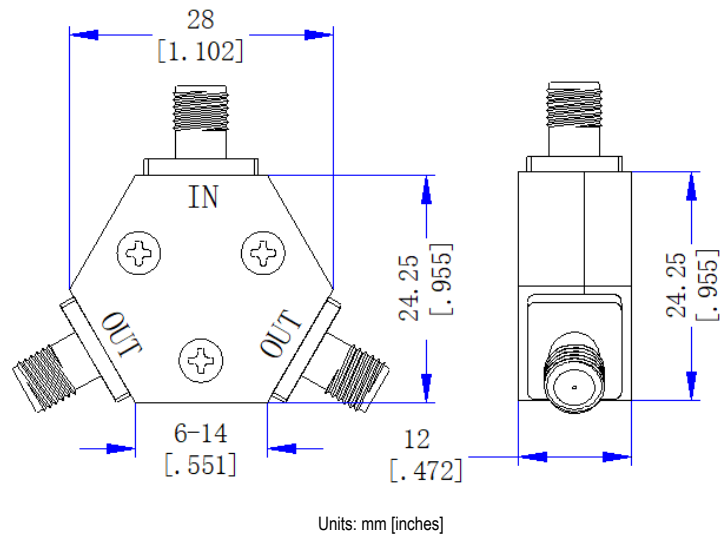
PARAMETER	SPECIFICATION
FREQUENCY RANGE	DC – 18 GHz
EXCESS INSERTION LOSS*	1.5 dB
VSWR	1.6:1
AMPLITUDE BALANCE	± 0.8 dB
PHASE BALANCE	± 8°
POWER HANDLING	0.5 W

*Excess IL = (Common Port to Output Port IL) – 6dB

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MATING INTERFACE	SMA (F)
OPERATING TEMP	-40 TO +85 °C
NON-OPERATING TEMP	-55 TO +100 °C
WEIGHT	30 g

MECHANICAL OUTLINE



ORDERING INFO

EPD	-	0018	-	SF
PRODUCT CODE		UNIT CODE		CONNECTOR
POWER DIVIDER		2-WAY DC- 18 GHz		SMA (F)

Electro-Photonics LLC reserves the right to modify drawings, configurations, specifications, and design at any time without prior notification.