

EPD-2A1-SF

2-WAY POWER DIVIDER/COMBINER, 0°, 100 – 500 MHZ, 50 W

REV 1.00



The EPD-2A1-SF is a wide bandwidth 2-way 0° power divider that delivers exceptional performance in a small package size.

Features and Applications

- 100 to 500MHz in-phase power splitting
- Compact size
- Low insertion loss
- Electronic Warfare, Radar, Test & Measurements

ELECTRICAL SPECIFICATIONS

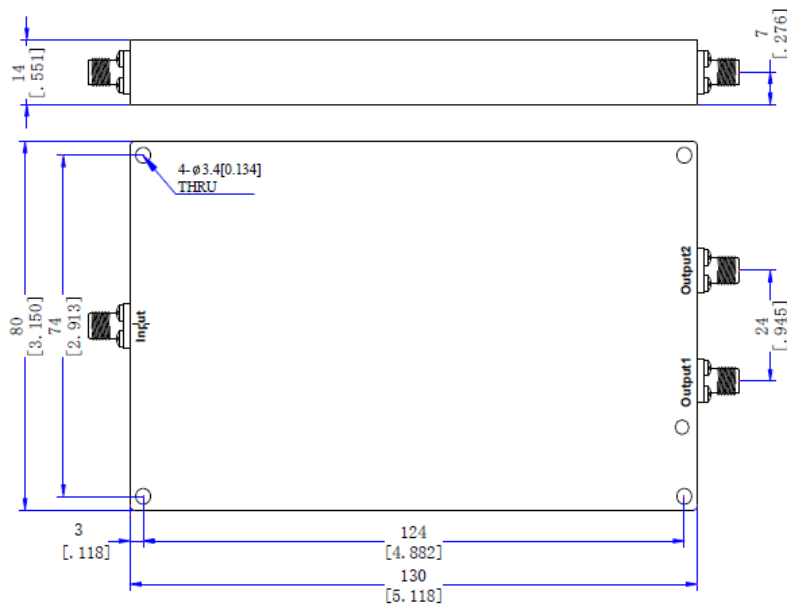
PARAMETER	SPECIFICATION
FREQUENCY RANGE	100 – 500 MHz
EXCESS INSERTION LOSS*	0.6 dB max
ISOLATION	20 dB min
VSWR	1.25 max
AMPLITUDE BALANCE	± 0.2 dB
PHASE BALANCE	± 3°
POWER HANDLING	Forward: 50 W Reverse: 10W

*Excess IL = (Common Port to Output Port IL) – 3dB

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MATING INTERFACE	SMA (F)
OPERATING TEMP	-35 TO +75 °C
NON-OPERATING TEMP	-55 TO +100 °C
FINISH	Black Paint

MECHANICAL OUTLINE



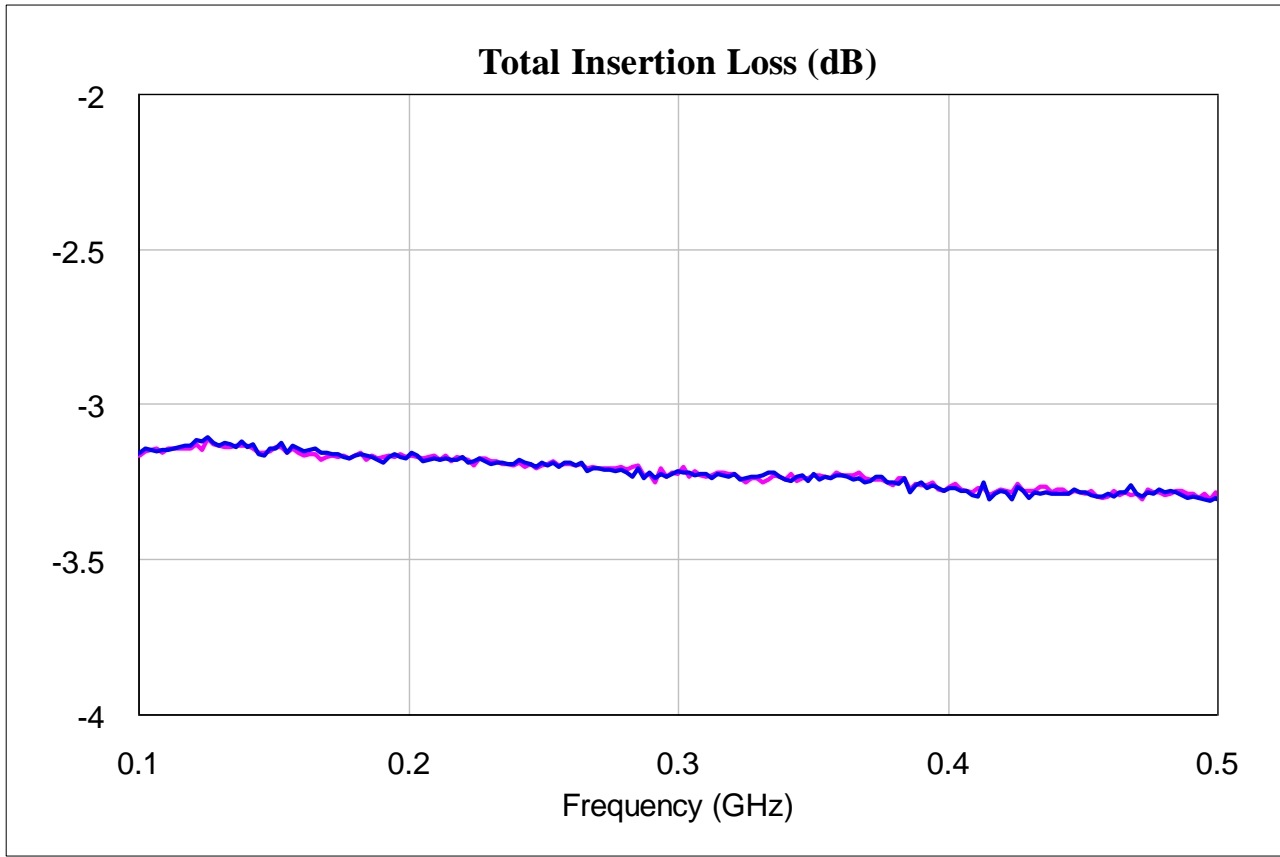
Units: mm [inches]

ORDERING INFO

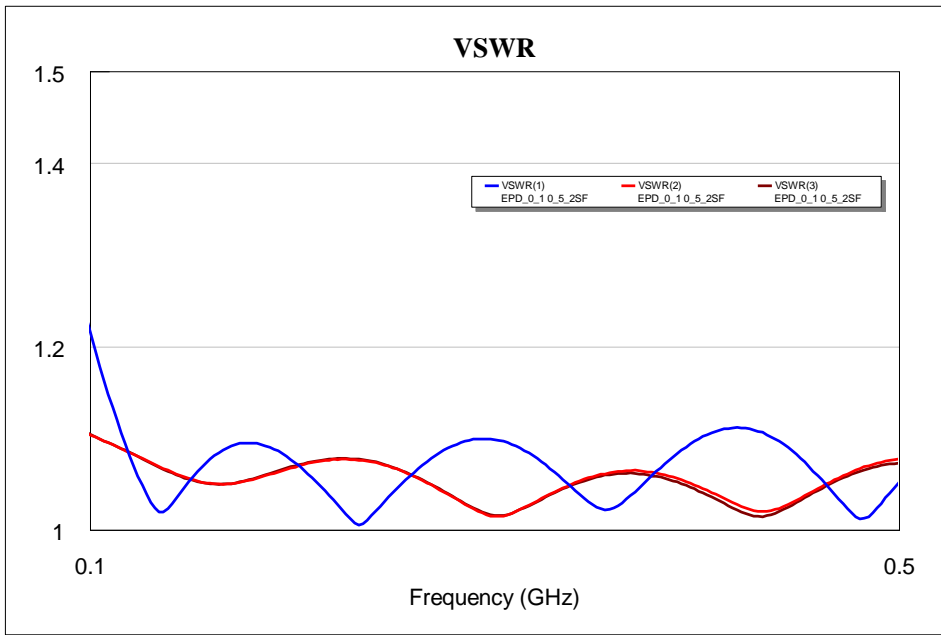
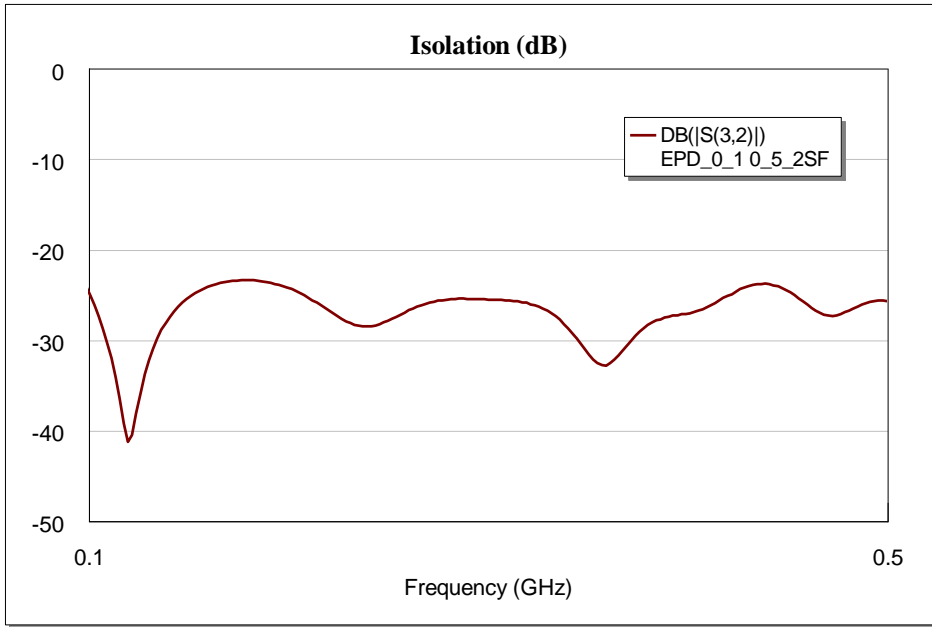
EPD	-	2A1	-	SF
PRODUCT CODE		UNIT CODE		CONNECTOR
POWER DIVIDER		2-WAY 100 – 500 MHz		SMA (F)

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

TYPICAL PERFORMANCE



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



The EPD-2A1-SF is lead free, RoHS compliant product.

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