

# EPD-2R-SF

2-WAY POWER DIVIDER/COMBINER, 0°, 1.0 – 18 GHz, 10 W

REV 1.00



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

### Features and Applications

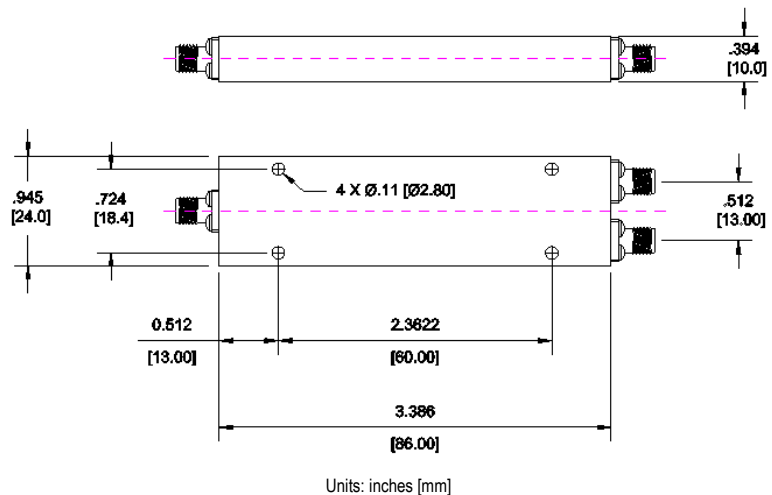
- 1 to 18GHz in-phase power splitting
- Compact size
- Low insertion loss
- Electronic Warfare, Radar, Test & Measurements

## ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
FREQUENCY RANGE	1.0 – 18 GHz
EXCESS INSERTION LOSS*	1.5 dB
ISOLATION	16 dB
VSWR	1.5
AMPLITUDE BALANCE	± 0.5 dB
PHASE BALANCE	± 5°
POWER HANDLING	Forward: 10 W Reverse: 0.5W

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

## MECHANICAL OUTLINE



## MECHANICAL SPECIFICATIONS

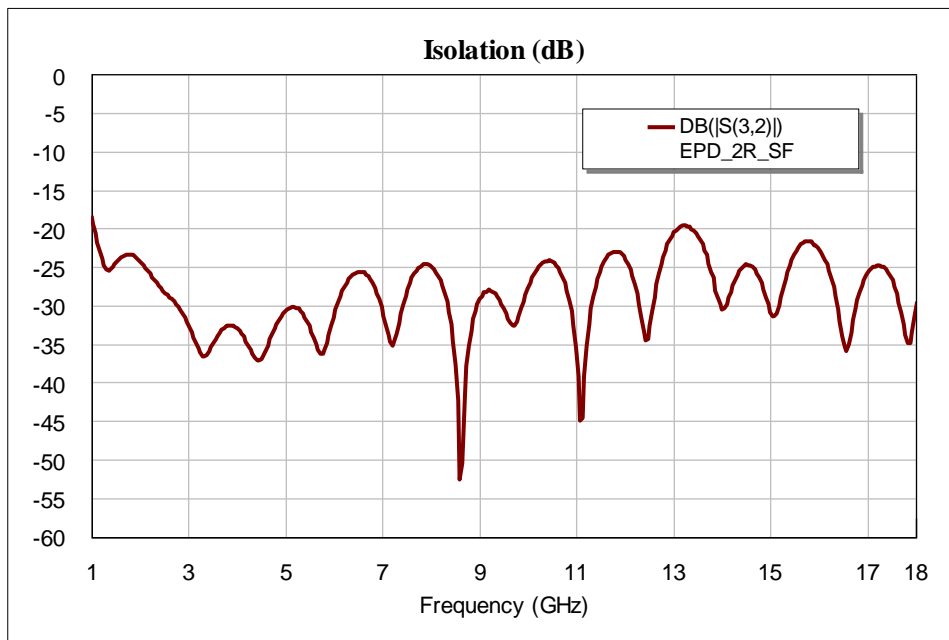
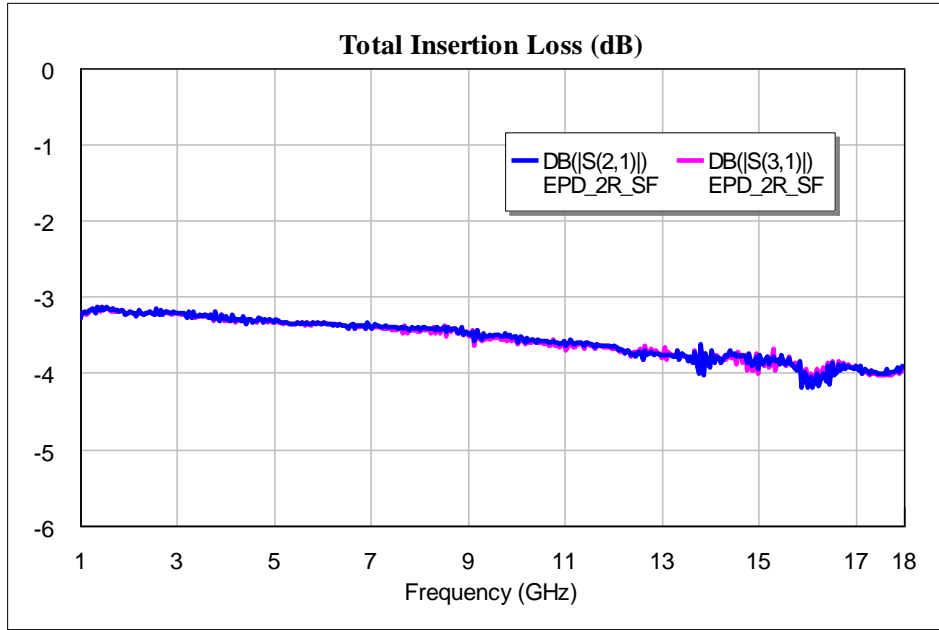
PARAMETER	SPECIFICATION
MATING INTERFACE	SMA (F)
OPERATING TEMP	-55 TO +85 °C
NON-OPERATING TEMP	-55 TO +100 °C
FINISH	Black Paint

## ORDERING INFO

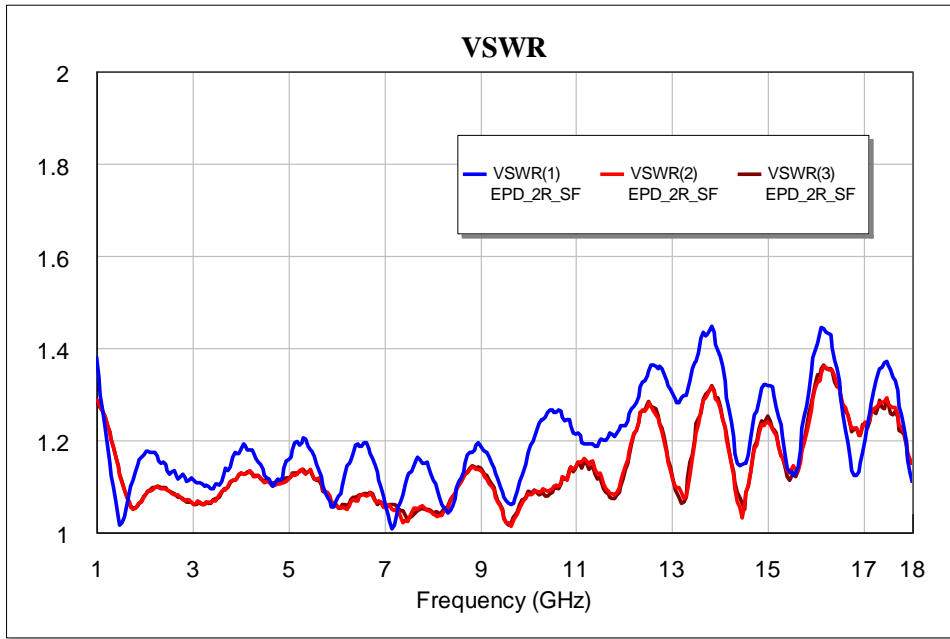
<b>EPD</b>	-	<b>2R</b>	-	<b>SF</b>
PRODUCT CODE		UNIT CODE		CONNECTOR
POWER DIVIDER		2-WAY 1.0 – 18 GHz		SMA (F)

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-2R-SF is lead free, RoHS compliant product.