

EPD-2L-SF

2-WAY POWER DIVIDER/COMBINER, 0°, 4.0 – 8 GHz, 30 W

REV 1.00



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

Features and Applications

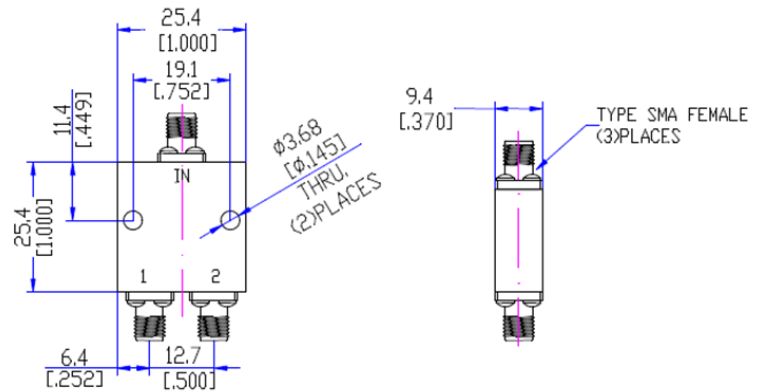
- 4 to 8GHz in-phase power splitting
- Compact size
- Low insertion loss
- Electronic Warfare, Radar, Test & Measurements

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
FREQUENCY RANGE	4.0 – 8 GHz
EXCESS INSERTION LOSS*	0.5 dB max
ISOLATION	20 dB min
VSWR	1.25
AMPLITUDE BALANCE	± 0.2 dB
PHASE BALANCE	± 2°
POWER HANDLING	Forward: 30 W Reverse: 1W

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

MECHANICAL OUTLINE



Units: mm [in]

MECHANICAL SPECIFICATIONS

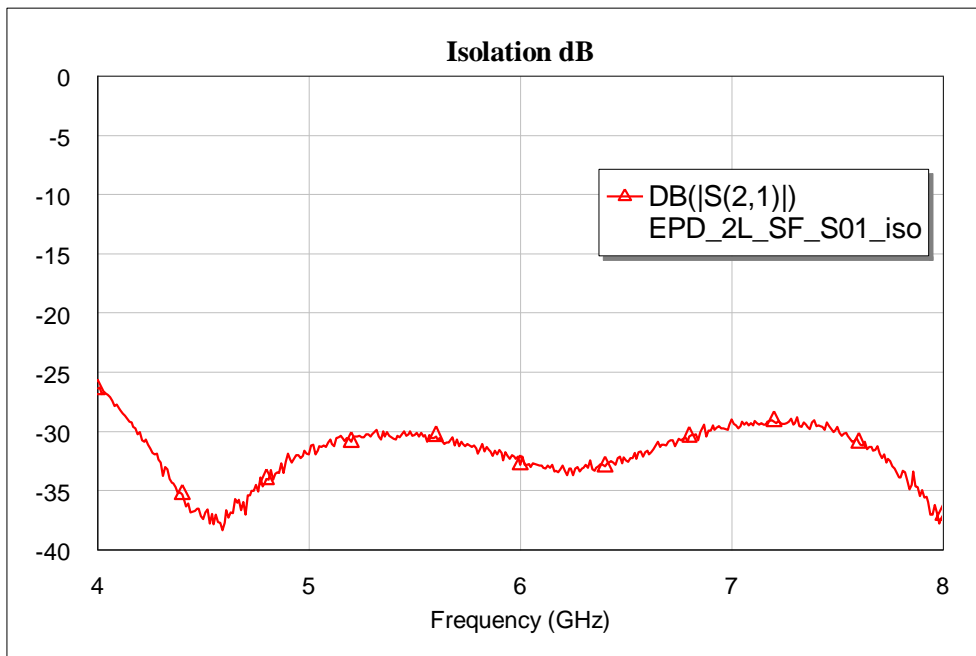
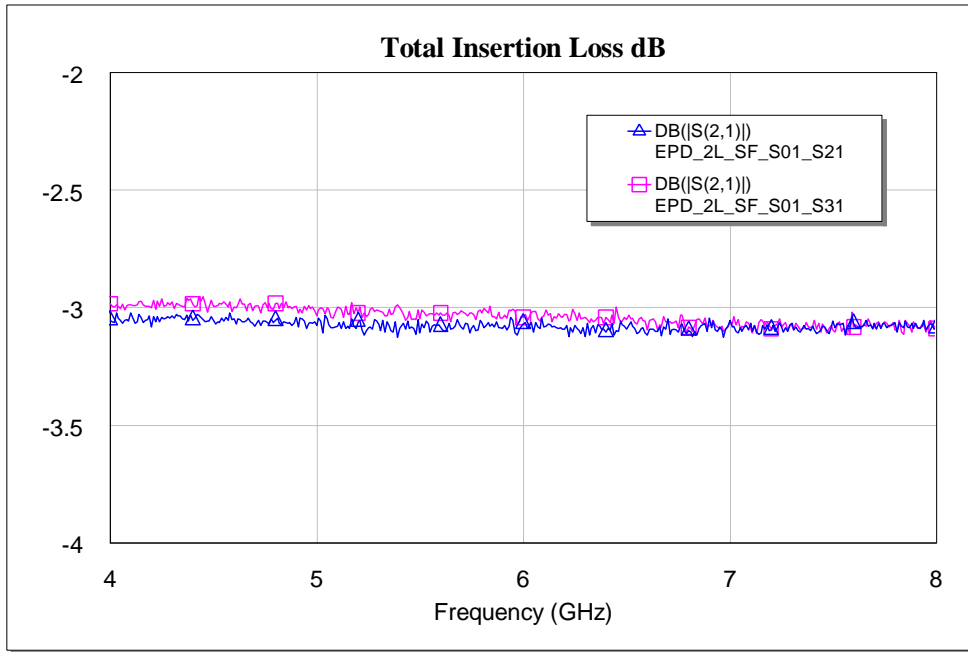
PARAMETER	SPECIFICATION
MATING INTERFACE	SMA (F)
OPERATING TEMP	-55 TO +85 °C
NON-OPERATING TEMP	-55 TO +100 °C
MATERIAL/FINISH	Aluminum with black epoxy resin paint

ORDERING INFO

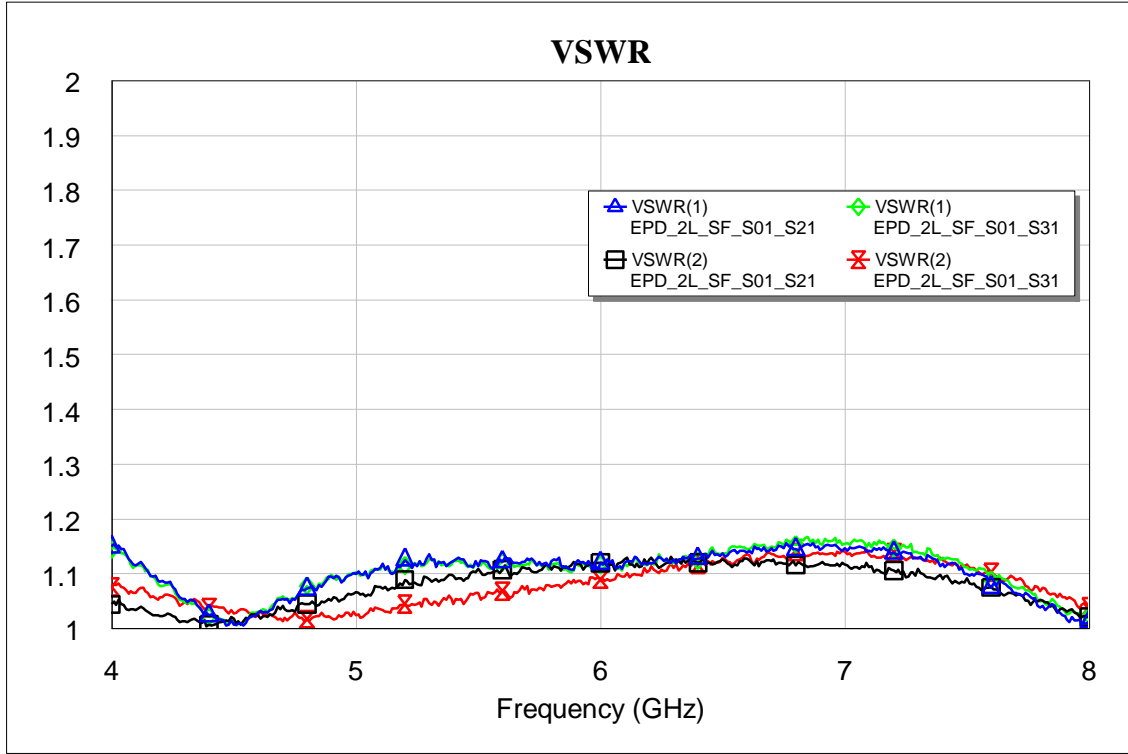
EPD	-	2L	-	SF
PRODUCT CODE		UNIT CODE		CONNECTOR
POWER DIVIDER		2-WAY 4.0 – 8.0 GHz		SMA (F)

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

TYPICAL PERFORMANCE



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

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