

# EPD-2A1-DF

2-WAY POWER DIVIDER/COMBINER, 0°, 0.1 – 0.5 GHz, 400 W

REV 2.00



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

### Features and Applications

- Compact size
- Low insertion loss and VSWR
- High isolation
- Cellular, VHF/UHF, Instrumentation

## ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
FREQUENCY RANGE	0.1 – 0.5 GHz
EXCESS INSERTION LOSS*	0.6 dB
ISOLATION	20 dB min (28dB typical)
INPUT VSWR	1.25
OUTPUT VSWR	1.20
AMPLITUDE BALANCE	± 0.2 dB
PHASE BALANCE	± 3°
POWER HANDLING	Forward: 400 W Reverse: 100W

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

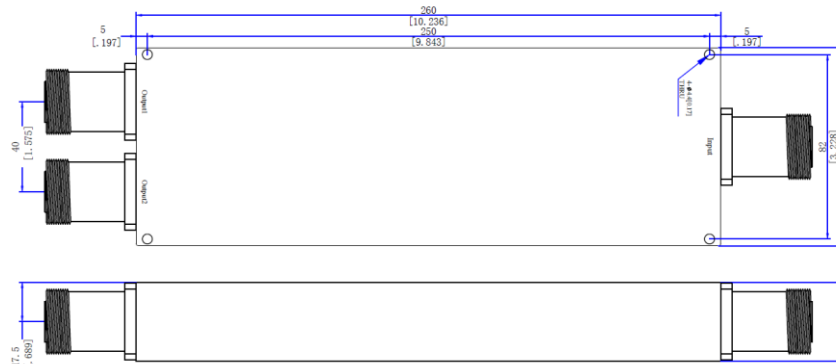
## MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MATING INTERFACE	DIN (F)
OPERATING TEMP	-35 TO +75 °C
NON-OPERATING TEMP	-55 TO +100 °C

## MECHANICAL OUTLINE

## ORDERING INFO

<b>EPD</b>	-	<b>2A1</b>	-	<b>DF</b>
PRODUCT CODE		UNIT CODE		CONNECTOR
POWER DIVIDER		2-WAY 0.1 – 0.5 GHz		DIN (F)



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