

## Excellent Integrated System Limited

Stocking Distributor

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[Pulse Electronics Corporation](#)  
[CX4002LNLT](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# RF SPLITTER/COMBINER

## For RF Applications in Cable Media Products and Distribution Equipment : 2-Way; 0°



- ⊕ Operating bandwidth: 5 MHz to 1000 MHz
- ⊕ Ideal for cable distribution equipment and set top box applications
- ⊕ High Isolation
- ⊕ Excellent VSWR
- ⊕ 235°C peak IR reflow temperature rating

### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

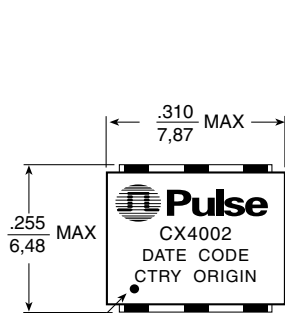
Part Number	Frequency (MHz)	Z (Ω)	Isolation		VSWR (5-1000 MHz)		Insertion Loss (Above 3dB)	
			5-400 MHz (dB TYP/MIN)	400-1000 MHz (dB TYP/MIN)	INPUT (TYP/MAX)	OUTPUT (TYP/MAX)	5-400 MHz (dB TYP/MAX)	400-1000 MHz (dB TYP/MAX)
CX4002	5 - 1000	75	30/22	21/17	1.1:1/1.3:1	1.1:1/1.3:1	0.5/0.8	0.8/1.6

### Additional Specifications

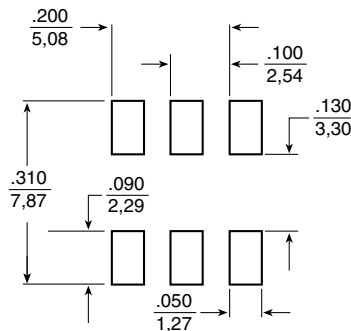
Part Number	Phase Unbalance		Amplitude Unbalance	
	5-400 MHz (deg MAX)	400-1000 MHz (deg MAX)	5-400 MHz (dB MAX)	400-1000 MHz (dB MAX)
CX4002	2	4	0.3	0.6

## Mechanical

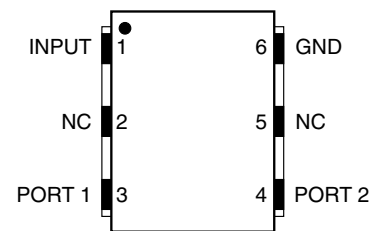
### CX4002



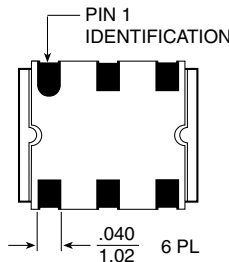
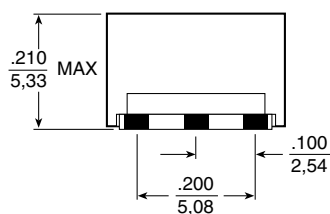
PIN 1 IDENTIFICATION



SUGGESTED PAD LAYOUT



Power Rating: 1 Watt, MAX



BOTTOM VIEW

Dimensions: Inches  
mm  
 Unless otherwise specified, all tolerances are ± .005  
 0,13  
 Weight . . . . .0.35 grams  
 Tape & Reel . . . . .850/reel  
 Tube . . . . .65/tube

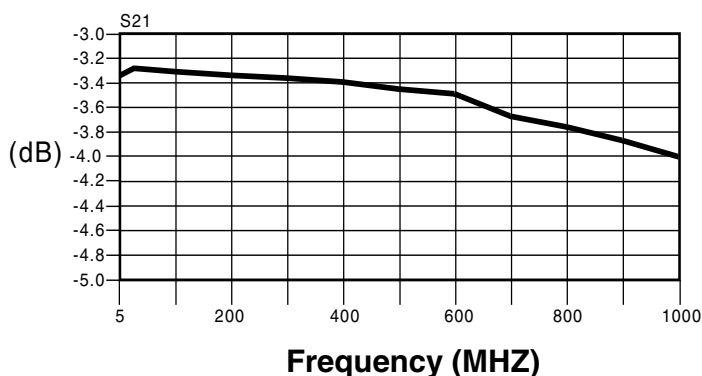
# RF SPLITTER/COMBINER

## For RF Applications in Cable Media Products and Distribution Equipment : 2-Way; 0°

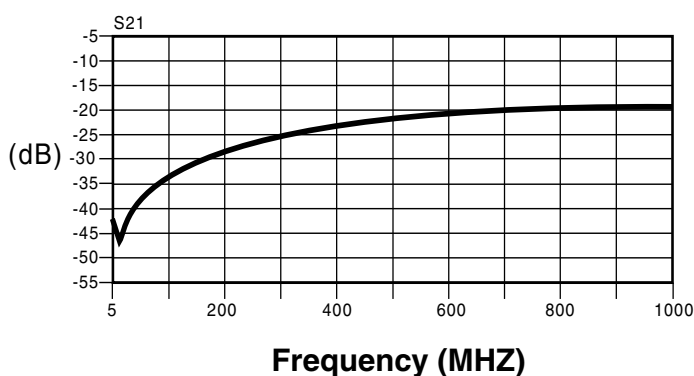


### Typical Performance @ 25°C

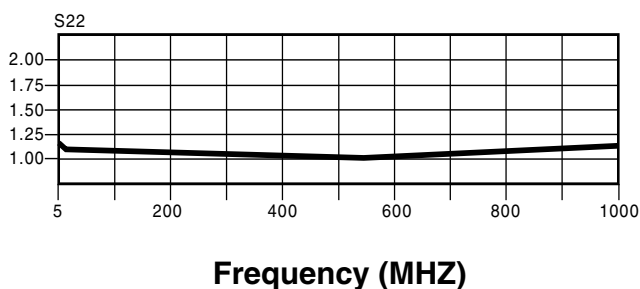
**INSERTION LOSS**



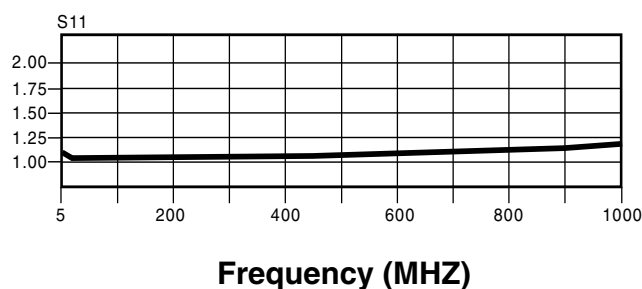
**ISOLATION**



**OUTPUT VSWR**



**INPUT VSWR**



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