

RF SPLITTER/COMBINER

For RF Return Path Applications in Cable TV
Products and Distribution Equipment : 2-Way; 0°



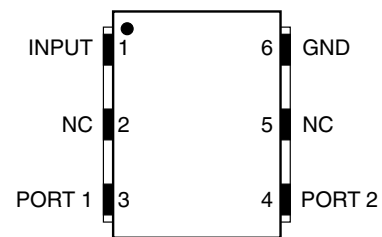
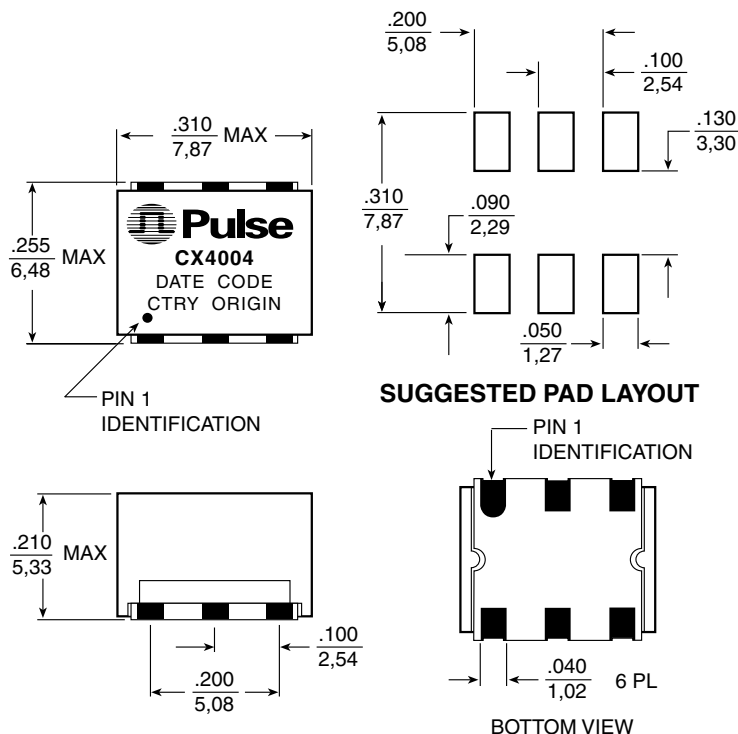
- ⦿ Operating bandwidth: 5 MHz to 65 MHz
- ⦿ Ideal for cable TV distribution equipment and set top box applications
- ⦿ High Isolation
- ⦿ Excellent Return Loss
- ⦿ 235°C peak IR reflow temperature rating

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

Part Number	Frequency (MHz)	Z (Ω)	Isolation 5-65 MHz (dB TYP/MIN)	Return Loss (5-65 MHz)		Insertion Loss (>3dB) 5-65 MHz (dB TYP/MAX)	Phase Unbalance 5-65 MHz (deg MAX)	Amplitude Unbalance 5-65 MHz (dB MAX)
				INPUT (TYP/MIN)	OUTPUT (TYP/MIN)			
CX4004	5 - 65	75	40/26	34/24	31/23	0.22/0.40	1	0.3

Mechanical

CX4004



Power Rating: 1 Watt, MAX

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.005}{0.13}$

Weight035 grams
Tape & Reel850/reel
Tube65/tube

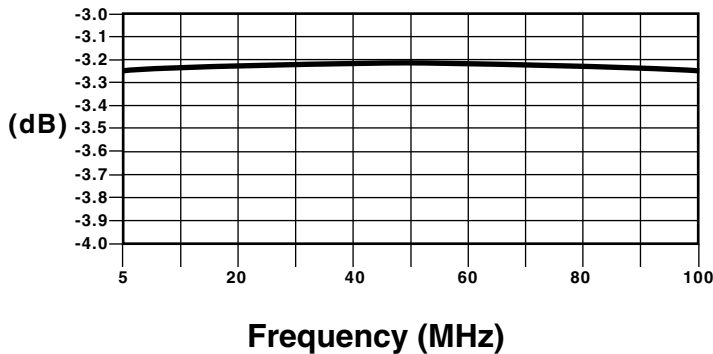
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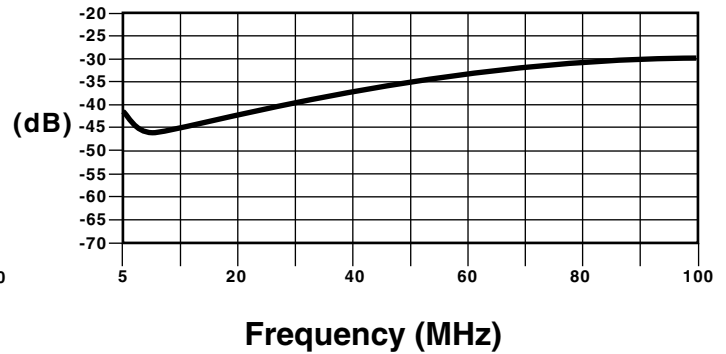


Typical Performance @ 25°C

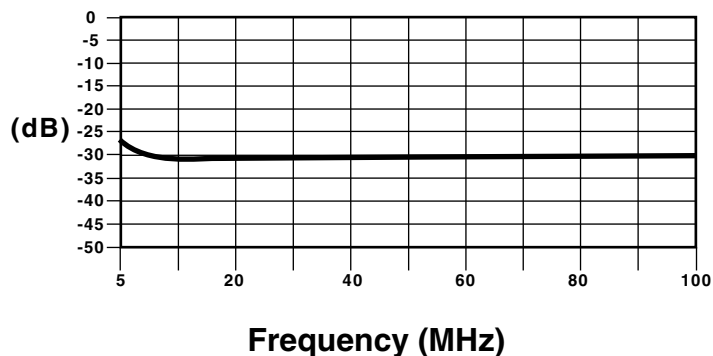
INSERTION LOSS



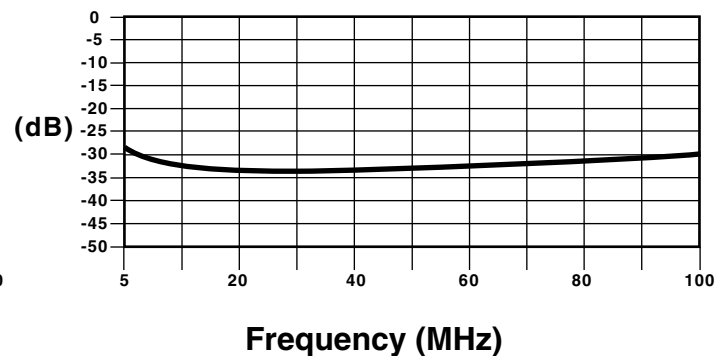
ISOLATION



OUTPUT RETURN LOSS



INPUT RETURN LOSS



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DISTRIBUTOR

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