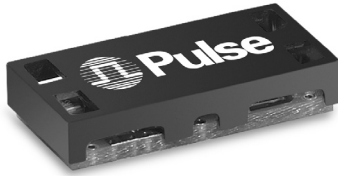


DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES & HFC EQUIPMENT



- Small surface mount component
- 42/54 frequency split¹
- Good isolation port to port
- No tuning required
- 75Ω Impedance

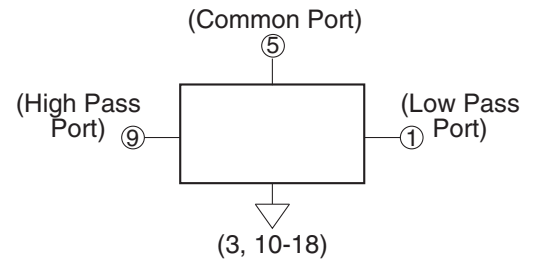
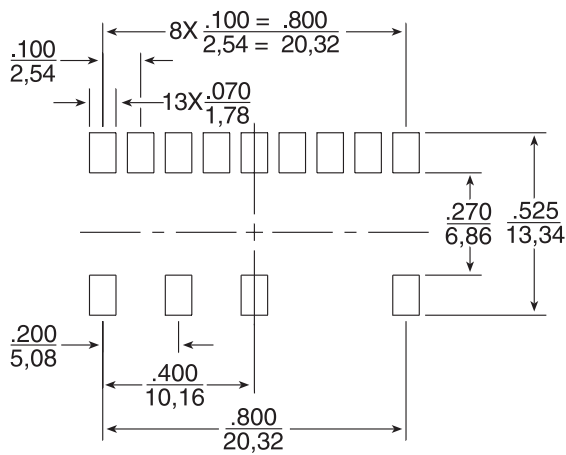
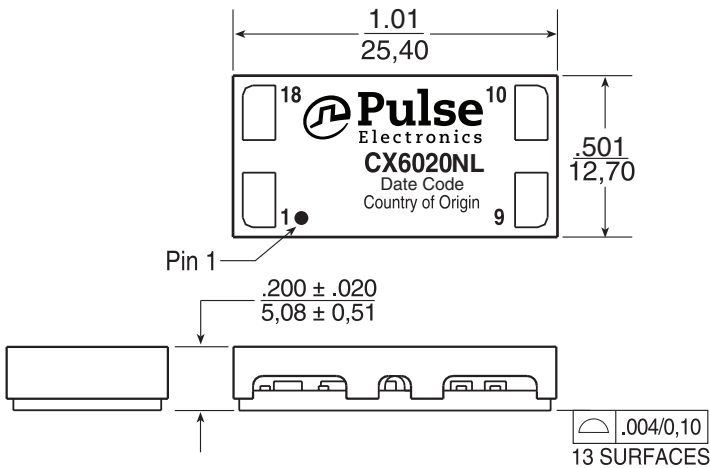
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C									
Part Number	Low Pass Filter			High Pass Filter				Isolation (Port to Port)	
	Passband (Insertion Loss)		Return Loss	Passband (Insertion Loss)		Return Loss		@ 5-42 MHz	@ 54-864 MHz
	@ 5-38 MHz	@ 42 MHz	@ 5-42 MHz	@ 54 MHz	@ 80-864 MHz	@ 54-200 MHz	@ 200-864 MHz		
CX6020NL	<1dB ²	<1.5dB	≥14dB	<2dB	<1dB	≥12dB	≥9dB	50 dB MIN	30 dB MIN

NOTES:
 1. Additional frequencies are supported on request. Contact Pulse Applications Engineering.
 2. Including ripple.

Mechanical

Schematic

CX6020NL



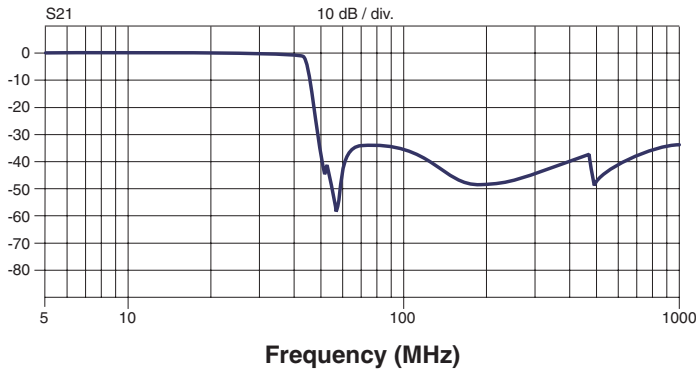
Weight 3.5 grams
 Tape & Reel 500/reel
 Tube20/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$

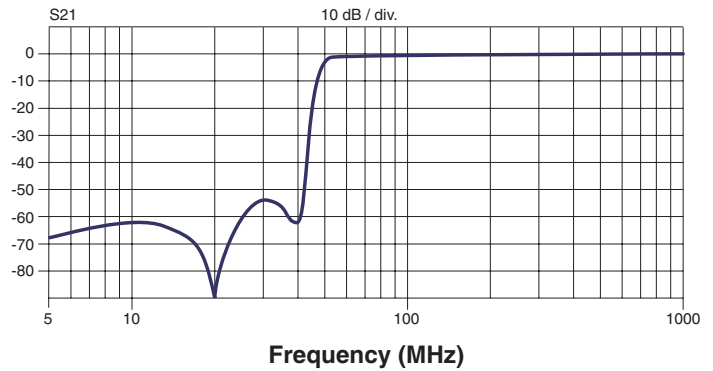
DIPLEXERS FOR CABLE MODEMS, SET TOP BOXES & HFC EQUIPMENT

Typical Performance @ 25°C
CX6020NL

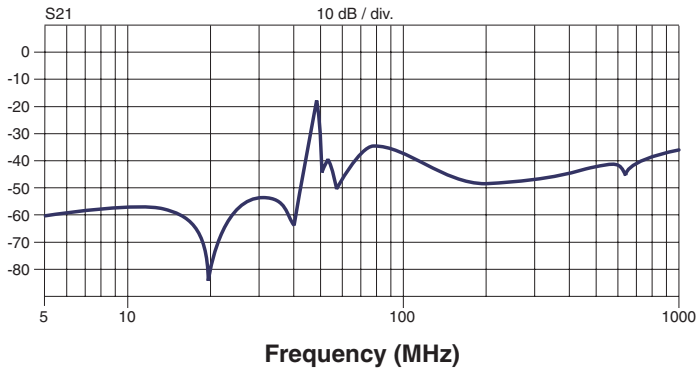
Low Pass Insertion Loss (TYP)



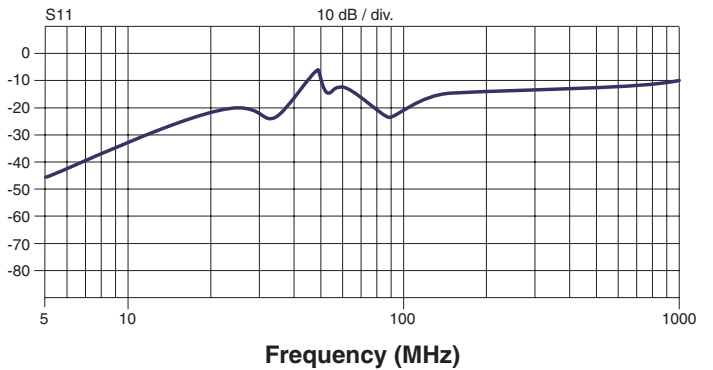
High Pass Insertion Loss (TYP)



Isolation (TYP)



Passband Return Loss (TYP)



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