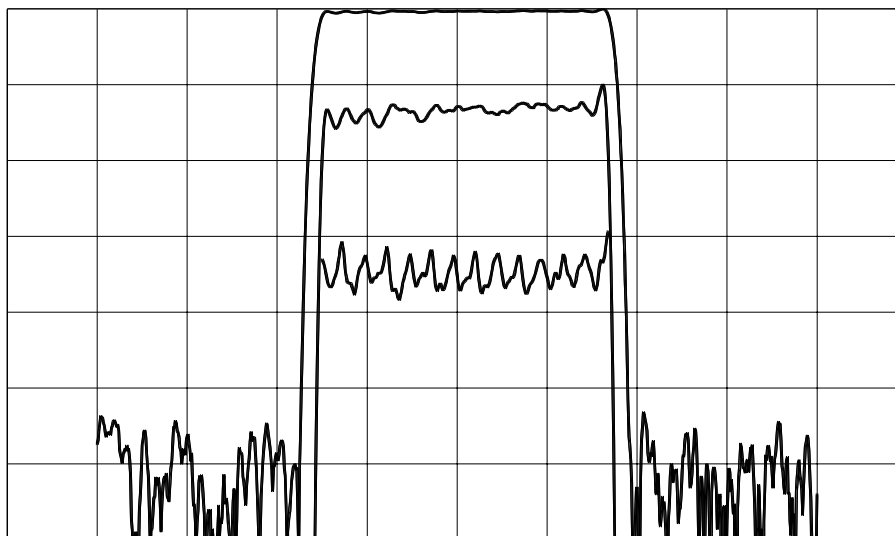


TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

Vertical (from top): Magnitude 10 dB/div
Magnitude 1 dB/div
Group Delay 50 nsec/div

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
F_visual		38.9		MHz
F_color		32.9		MHz
F_audio		32.4		MHz
Center Frequency (Nominal)		36.2		MHz
Insertion Loss	28		32	dB
1 dB Lower band edge			32.2	MHz
1 dB upper band edge	40.15			MHz
Passband Ripple(32.3 - 40.1)		0.3	0.5	dB
Phase deviation (32.3 - 40.1)		3	5	deg p-p
GD Ripple (32.3 - 40.1)		30	50	ns p-p
Rejection (20 - - 29.15)	46	55		dB
Rejection (29.15 - 31.70)	30	50		dB
Rejection (40.65 - 42.0)	30	50		dB
Rejection (42.0 - 65.0)	46	55		dB
2T K Factor		1	1.5	%
2T Pulse and Bar		0.7	1.5	%
Delay		4		us
Ambient Temperature		50		deg C
Temperature coefficient		-80		ppm / deg C
Source/Load impedance		50		ohms
Tuning	None			
Material	128 Lithium Niobate			



Micro Networks Corp., 324 Clark Street, Worcester, MA 01606, USA tel: 508-852-5400, fax:508-852-8456, www.micronetworks.com

The drawing includes three views of the connector:

- Top View:** Shows a rectangular footprint with overall dimensions of 35.05 mm in width and 20.57 mm in height. It features a rounded rectangular cutout in the center.
- Side View:** Shows the profile of the connector with a total height of 11.25 mm, composed of a 5.1 mm top section and a 6.35 mm bottom section (the pin array).
- Front View:** Shows the 24 pins arranged in two rows of 12. The top row is labeled 1 to 12 and the bottom row is labeled 24 to 13. The pin pitch is 2.54 mm. The overall width is 27.94 mm and the height from the base to the top of the pin array is 15.24 mm. A 90-degree corner is indicated on the left side. The pin diameter is specified as $24 \times .25 \pm .05$ mm.

Pin Configuration:

Input: 3
Input Return: 22
Output: 15
Output Return: 10
Ground: All other pins.

	3	15	
	22	10	

**ISO 9001
Registered**

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