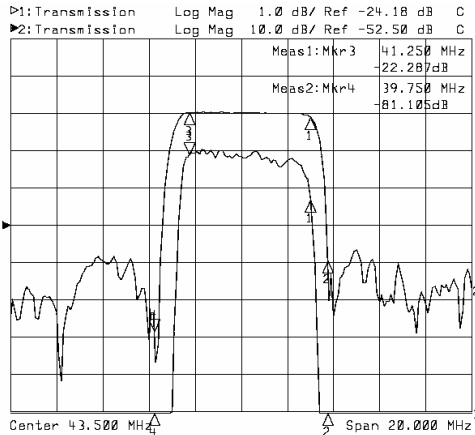
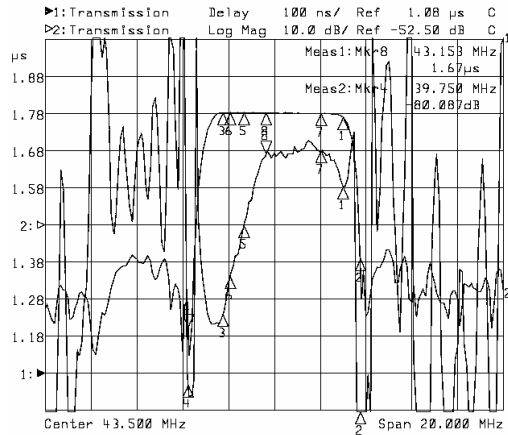


43.5 MHz CATV Filter
Part Number FS4575P1

Typical Performance



Horizontal: 2MHz/Div
 Vertical: 10dB/Div

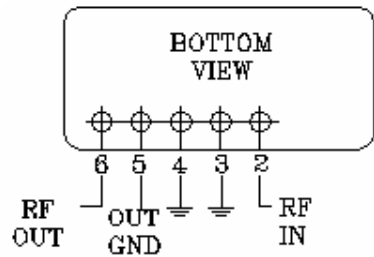
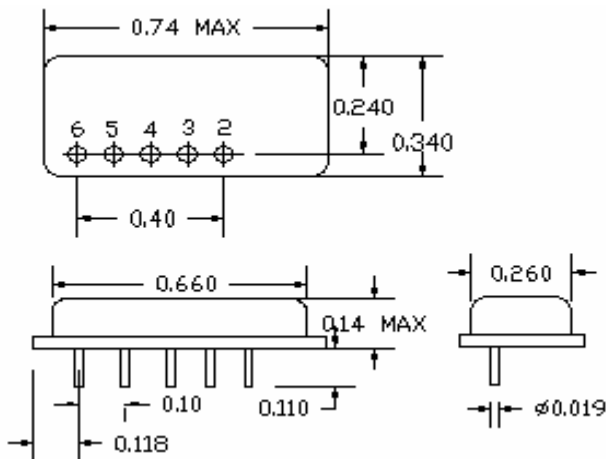


Horizontal: 2MHz/Div
 Vertical: 100nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz		43.5	
Insertion Loss @45.55MHz	dB		22.8	23
41.25MHz	dB		-0.5	0
46.50MHz	dB		-1.5	-2.0
47.25MHz	dB	-38	-40	
39.75MHz	dB	-45	-48	
Passband Variation(41.5MHz~46.0MHz)	dB		0.4	0.6
Group Delay@41.57MHz	nsec	-320	-340	-360
Group Delay@42.17MHz	nsec	-180	-200	-220
TTS	dB	48	50	
Ultimate Rejection	dB	37	39	39
49~54MHz Rejection		40	45	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

Package



No Matching
 Required
 Source/Load
 Impedance=50ohm
 Package Style XP