



S7-TF

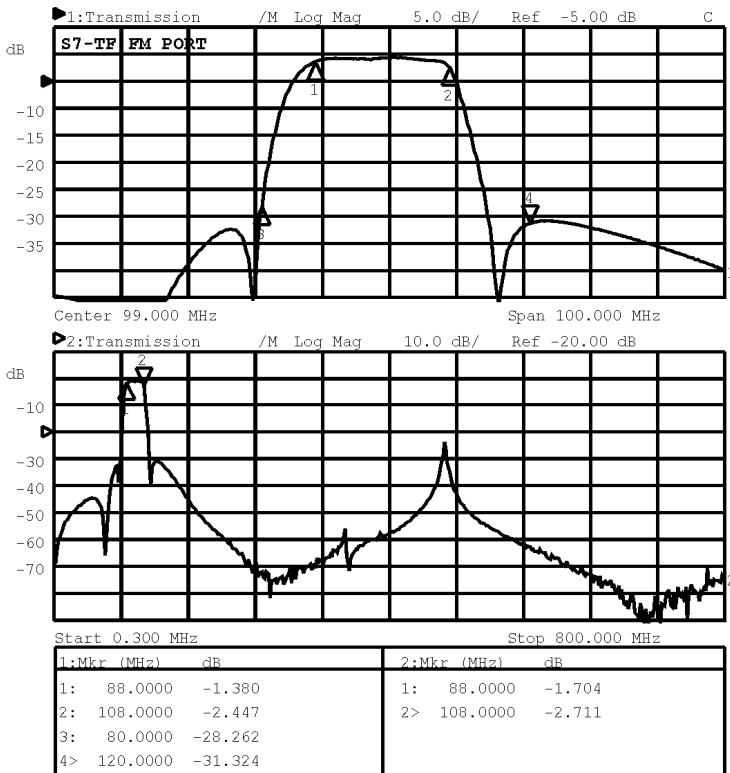
Model S7-TF is an over-the-air TV and FM band separator/combiner. It is a combination low loss FM bandpass and FM bandstop with a common TV/FM port. The bandpass blocks TV signals from FM system; FM bandstop reduces FM signals going to TV system (see graphs FM and TV ports). TV/FM Input passes all signals from 50 to 800 MHz.



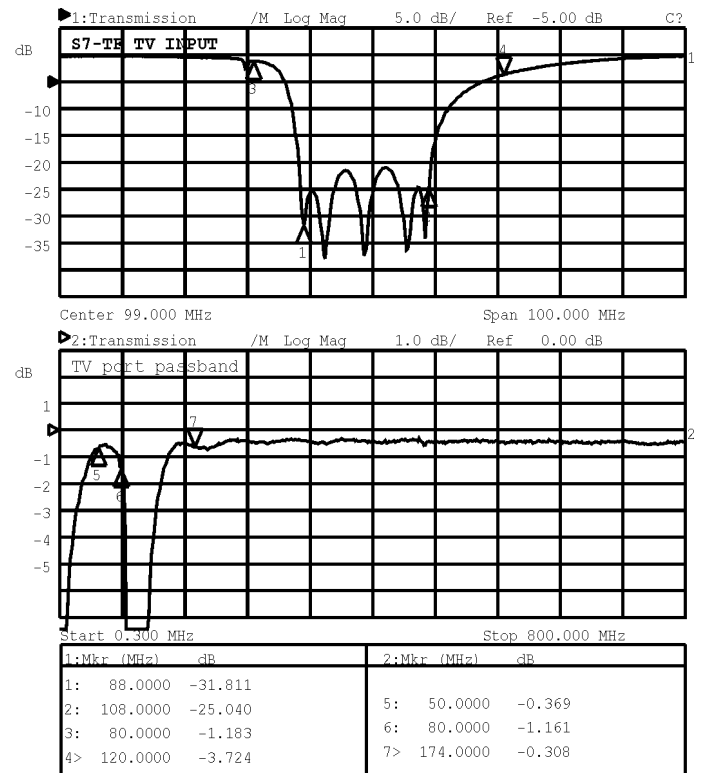
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SPECIFICATIONS

S7-TF	TV Port	FM port
Thru Loss: 1dB, 2.5 dB @ edges	54-80 MHz, 130-800 MHz	88-108 MHz
Stopband >40 dB	88-108 MHz	50-80 MHz, 130-800 MHz
Return Loss	15 dB	14 dB
Isolation between TV/FM	>20 dB rejection of FM band	>25 dB rejection of TV band
Connectors / Impedance	75 ohms Female	
Dimensions (in)	4L x 2.5W x 2H	Weight: 0.75 lb
Operating Temp (Celsius)	-10 to +50	



FM Port graph



TV Port graph

