

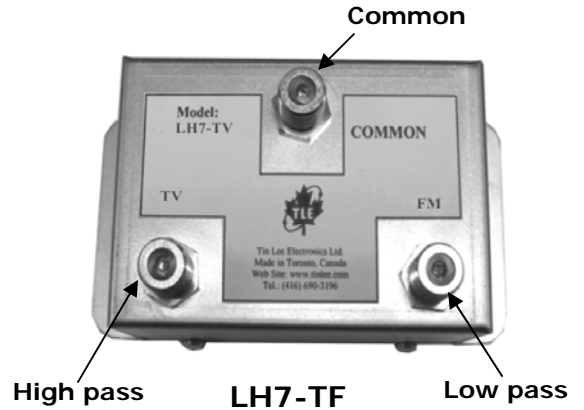


LH7-TF

Model LH7-TF, diplexer, consists of a high pass (174-800 MHz) and a low pass (DC-108 MHz) filter connected to a common output. It can be used to split, or combine, FM and VHF-Hi to UHF TV bands. The high mutual isolation blocks TV signals from entering FM system, and, FM signals from entering TV system (see graphs).

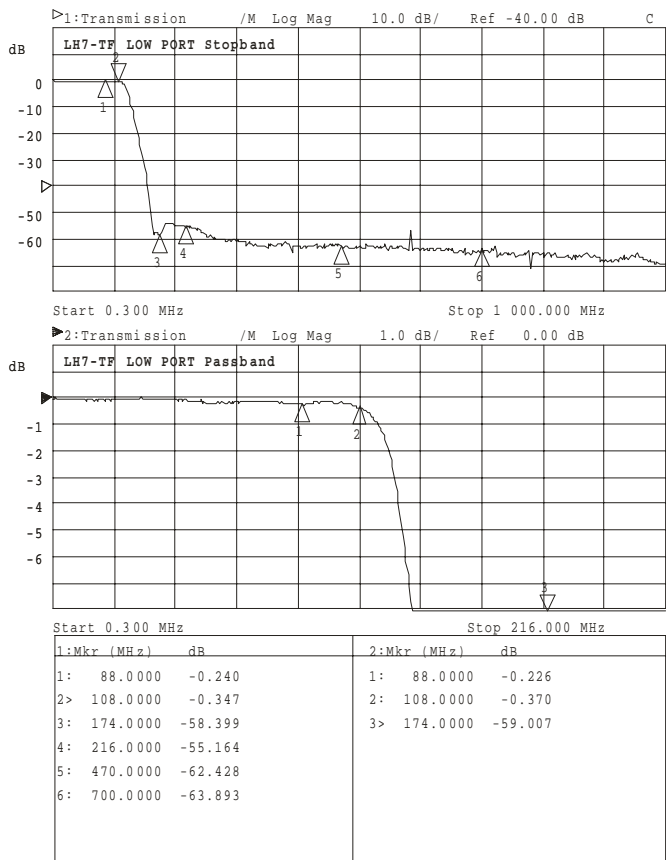
Features:

- < 1 dB Pass band thru loss; >50 dB mutual isolation
- Option: 50 ohms impedance—BNC, N, sma connectors

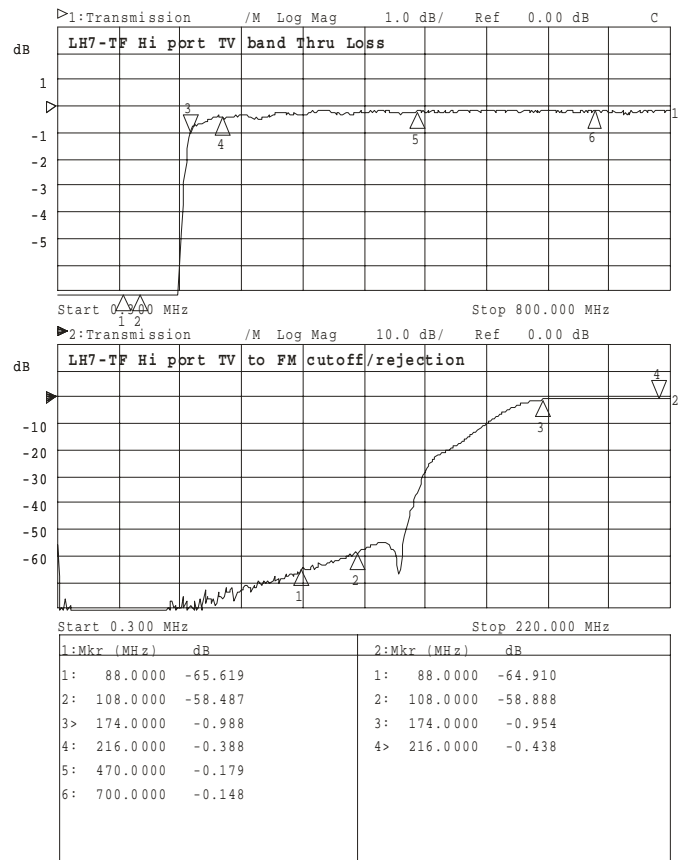


SPECIFICATIONS

LH7-TF	High pass Port	Low pass port
Pass band Thru Loss: < 1dB	174–800 MHz (VHF-Hi to UHF)	DC-108 MHz (FM and below)
Stopband Rejection >50 dB	5-108 MHz	174–800 MHz
Return Loss	16 dB	18 dB
Connectors / Impedance	F type Female	75 ohms
Dimensions (in)	4L x 2.5W x 2H	Weight: 0.75 lb
Operating Temp (Celsius)	-10 to +50	



Low Port (FM Band)



High Port (TV band)

