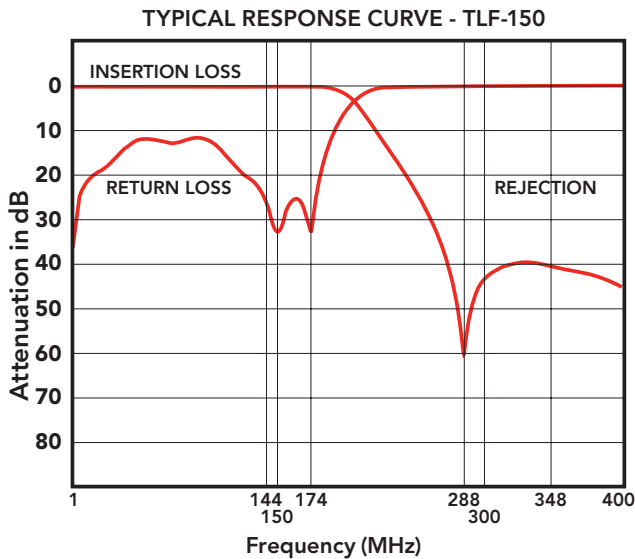


TLF-50, -90, -90H, 150, 450, 860 LOWPASS FILTERS

TLF-50	40-54 MHz
TLF-90,90H	88-108 MHz
TLF-150	144-174 MHz
TLF-450	406-512 MHz
TLF-860	806-960 MHz

Telewave Lowpass Filters eliminate harmonics, spurs, and intermodulation products that may occur above the fundamental frequency of a transmitter. These devices feature extremely low insertion loss, and are designed

to be installed in the transmission line continuously. The standard connector configuration is N-Female to N-Male. Other combinations are available, including 7-16 DIN (extra cost).



TLF-150



TLF-90H



Perforated Cover

ELECTRICAL DATA	TLF-50	TLF-90	TLF-90H	TLF-150	TLF-450	TLF-860
Frequency range (MHz)	40-54	88-108	88-108	144-174	406-512	806-960
Impedance (nom.)	50 ohms					
VSWR (max)	1.3:1					
Power (max)	200 W	200 W	1000 W	400 W	200 W	200 W
Insertion loss	0.15 dB typ. / 0.25 dB max					
Rejection at 2F _c (typ)	30 dB	40 dB	35 dB	40 dB	50 dB	45 dB
MECHANICAL DATA	TLF-50	TLF-90	TLF-90H	TLF-150	TLF-450	TLF-860
Dimensions (HWL) in.	1.25 x 1.5 x 4		1.625 x 2.5 x 4.5		1.25 x 1.5 x 4	
Dimensions (HWL) cm	3.2 x 3.8 x 10.2		4.1 x 6.4 x 11.4		3.2 x 3.8 x 10.2	
Weight lb. (kg)	0.5 (0.23)		1 (0.45)		0.5 (0.23)	
Connectors	Standard configuration is N-F to N-M for inline use. Any combination of N, UHF, BNC, or 7-16 DIN male or female may be specified. (7-16 DIN is additional cost.)					