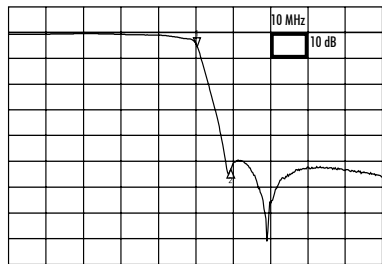




Microwave Filter Company, Inc.

Low Cost Tiering Lowpass & Highpass Filters

5KLP Low Cost Tiering Lowpass Filters



Typical Frequency Response of 5KLP

5KLP Series

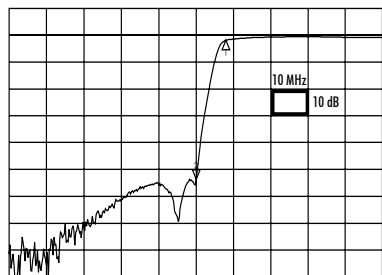
These tubular, weatherized lowpass filters are low cost alternatives to the 3322 headend series where higher passband loss is acceptable. Their resistance to moisture and temperature extremes makes them suitable for pole mounting. These filters are AC passing (500 milliamps).

Model	Insertion Loss (Typical)	Passband (MHz)	Stopband (MHz)	Rejection (Typical)
5KLP-60	3.0 dB	5-60	67.25 - 800	50 dB
5KLP-66	5.0 dB	5-66	71.75 - 900	50 dB
5KLP-72	5.0 dB	5-72	77.25 - 1,000	50 dB
5KLP-82	5.0 dB	5-82	89.50 - 940	50 dB
5KLP-88	5.0 dB	5-87.75	97.25 - 1,000	50 dB
5KLP-108	3.0 dB	5-108	121.25 - 1,000	50 dB
5KLP-174	5.0 dB	5-173.75	187.25 - 1,000	50 dB
5KLP-216	6.0 dB	5-215.75	229.25 - 1,000	50 dB
5KLP-245	7.0 dB	5-245.75	259.25 - 1,000	50 dB
5KLP-300	8.0 dB	5-299.75	319.25 - 1,000	50 dB
5KLP-380	6.0 dB	5-383.75	409.25 - 1,000	50 dB
5KLP-450(8)	3.0 dB	5-449.75	469.25 - 1,000	50 dB
5KLP-468(8)	5.0 dB	5-467.75	487.25 - 1,000	50 dB
5KLP-474(8)	5.0 dB	5-473.75	493.25 - 1,000	50 dB
5KLP-550(8)	5.0 dB	5-551.75	571.25 - 1,000	50 dB
5KLP-576(8)	4.0 dB	5-575.75	613.25 - 1,000	50 dB
5KLP-675	5.0 dB	5-675	727.25 - 1,000	50 dB
5KLP-750(8)	5.0 dB	5-749.75	793.25 - 1,000	50 dB

Mechanical Specifications:

Connectors: 75 ohm - Type "F" - Male/Female

5KHP Low Cost Tiering Highpass Filters



Typical Frequency Response of 5KHP

5KHP Series

These tubular, weatherized highpass filters are low cost alternatives to the 3378 headend series where higher passband loss is acceptable. Their resistance to moisture and temperature extremes makes them suitable for pole mounting. These filters are not AC/DC passing.

Model	Insertion Loss (Typical)	Passband (MHz)	Stopband (MHz)	Rejection (Typical)
5KHP-50(4)	1.0 dB	50-1,000	0-40	45 dB
5KHP-61	5.0 dB	61-450	0-56	50 dB
5KHP-77	5.0 dB	77-550	0-70	50 dB
5KHP-4/5	3.0 dB	77.25-550	0-67.25	50 dB
5KHP-83	5.0 dB	83-450	0-76	50 dB
5KHP-88	3.0 dB	87-1,000	0-77.25	50 dB
5KHP-120	3.0 dB	120-1,000	0-107	50 dB
5KHP-174	3.0 dB	175-550	0-163.25	50 dB
5KHP-216	3.0 dB	217.25-1000	0-205.25	50 dB
5KHP-300	3.0 dB	301-600	0-278	50 dB
5KHP-380(8)	5.0 dB	373.25-1,000	0-377.75	50 dB
5KHP-470(8)	3.0 dB	471.25-1,000	0-443.75	50 dB
5KHP-535(8)	6.0 dB	535.25-1,000	0-517.25	50 dB
5KHP-550(8)	4.0 dB	553.25-1,000	0-535.25	50 dB

Mechanical Specifications:

Connectors: 75 ohm - Type "F" - Male/Female