

Low-Pass Filter for 0 - 174 MHz

DESCRIPTION

- > LP 174-FME is an LC low-pass filter.
- > Allows the whole 0 – 174 MHz to pass.
- > Can be used, together with HP 380-FME, to prevent possible interference between VHF and UHF radio systems, e.g. VHF LMR and TETRA.
- > Can be used as a preselector to protect a receiver against interferences from transmitters normally being outside the pass range.
- > LP 174-FME can be mounted as a preselector directly inside the PRO-AR4G-N, PRO-AR8G-N and the PRO-AR16G-N receiver multicouplers.
- > Very small dimensions, mounted in a 45 x 50 mm box.
- > FME connectors for easy and handy coupling to the surroundings.
- > LP 174-FME is lacquered with black vinyl enamel to avoid corrosion.



SPECIFICATIONS

Electrical	
Model	LP 174-FME
Frequency	0 - 174 MHz
Max. Input Power	35 W
Pass Range	0 - 174 MHz
Insertion Loss	< 0.6 dB, typ. 0.4 dB
Impedance	50 Ω
Reject Attenuation	> 60 dB @ 380 - 1000 MHz
VSWR	< 1.5:1
Mechanical	
Connection(s)	FME(m) (others on request)
Dimensions	50 x 21 x 48 mm / 1.97 x 0.83 x 1.89 in.
Weight	Approx. 0.06 kg / 0.13 lb.
Environmental	
Operating temperature range	-30 °C to +60 °C

ORDERING

Model	Product No.
LP 174-FME	200002184

TYPICAL RESPONSE CURVE

