

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, typically 0.4 dB
Impedance	50 Ω
Reject Attenuation	<60 dB @ 380 - 1000 MHz
VSWR	< 1.5:1

Mechanical	
Connection(s)	FME male (others on request)
Dimensions	50 x 21 x 48 mm / 1.97 x 0.83 x 1.89 inches
Weight	0.06 kg / 0.13 lb

Environmental	
Operating Temperature Range	-30°C to +60°C

ORDERING

Type	Product No.
LP 174-FME	200002184



DIAGRAM

TYPICAL RESPONSE CURVES

