

## Band-Pass Filter for 225 400 MHz

### DESCRIPTION

- Miniature LC band-pass filter.
- Allows the whole 225 - 400 MHz band to pass.
- Series coupled high/low pass filter design.
- Chebychev characteristic ensures low insertion loss and high out-of-band rejection.
- Can be used as transmitter filter to prevent out-of-band and harmonics radiation.
- Can be used as a preselector filter to protect a receiver against interferences from transmitters normally being outside the band-pass range.
- Very small dimensions, mounted in a 45 x 50 mm / 1.77 x 1.97 in. box.
- Available with FME, BNC, TNC or SMA\*) connector types.
- \*) SMA version is provided with mounted FME to SMA adaptors.
- Provided with dual adhesive pad for quick installation.
- BPF 225-400 is lacquered with black vinyl enamel to avoid corrosion.



### ORDERING

Model	Product No.	Description
BPF 225-400 FME	200002369	FME (m)
BPF 225-400 BNC	200001150	BNC (f)
BPF 225-400 TNC	200002370	TNC (f)
BPF 225-400 SMA	200002371	Adaptor FME (m) to SMA(f)

### SPECIFICATIONS

Electrical	
Model	BPF 225-400
Frequency	225 - 400 MHz
Max. Input Power	35 W
Pass Range	225 - 400 MHz
Impedance	50 Ω
Reject Attenuation	See curves
VSWR	< 1.5:1
Mechanical	
Connection(s)	See ordering designations
Dimensions	50 x 21 x 60 mm / 1.97 x 0.83 x 1.97 in (incl. connectors)
Weight	0.06 kg / 0.13 lb
Environmental	
Operating Temperature Range	-30°C to +60°C
Ingress Protection	IP41

### TYPICAL RESPONSE CURVES



### MECHANICAL OUTLINE

