

Interdigital Band-Pass Filter for the 2 GHz Band

DESCRIPTION

- 7-resonator, interdigital band-pass filter.
- Especially suitable for multichannel systems in the 2 GHz band.
- Wide pass range of approx. 80 MHz.
- Low insertion loss and low ripple inside pass range.
- Steep slopes immediately outside the pass range.
- Heavy attenuation outside the pass range.
- Housing made of silvered brass.
- Terminated with SMA-female connectors.



SPECIFICATIONS

Electrical	
Model	BPF 2G/7
Filter Type	Interdigital band-pass filter
Frequency	To be stated within 2000 and 2250 MHz
Max. Input Power	10 W
Pass Range Width	Approx. 80 MHz
Insertion Loss	< 1.5 dB, typ. 0.8 dB
Impedance	50 Ω
Reject Attenuation	+/- 86 MHz rel. fc: > 60 dB
VSWR	< 2.0:1

Mechanical	
Connection(s)	SMA(f)
Materials	Housing: Silvered brass Connectors: Goldplated CuBe
Dimensions	215 x 30 x 30 mm / 8.5 x 1.1 x 1.1" (230 x 55 x 30 mm incl. connectors, adjustment screws and mounting brackets)
Weight	0.45 kg / 0.99 lb

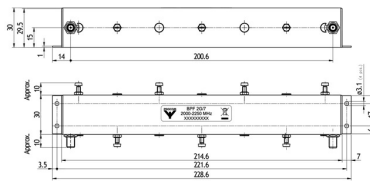
Environmental	
Operating Temperature Range	-30°C to +60°C

ORDERING

Model	Product No.
BPF 2G/7	200002586

DIAGRAM

MOUNTING DETAILS



TYPICAL RESPONSE CURVES

