

6 Resonator Band-Pass Filter for TETRA Band

DESCRIPTION

- > The BPF 70/33-TETRA-...-... are 6 resonator band-pass filters designed for TETRA.
- > The filters use reduced-length ¼ λ cavities in a compact, strong aluminium housing.
- > 19" drawers available as options.
- > Built-in DC stop between all ports.

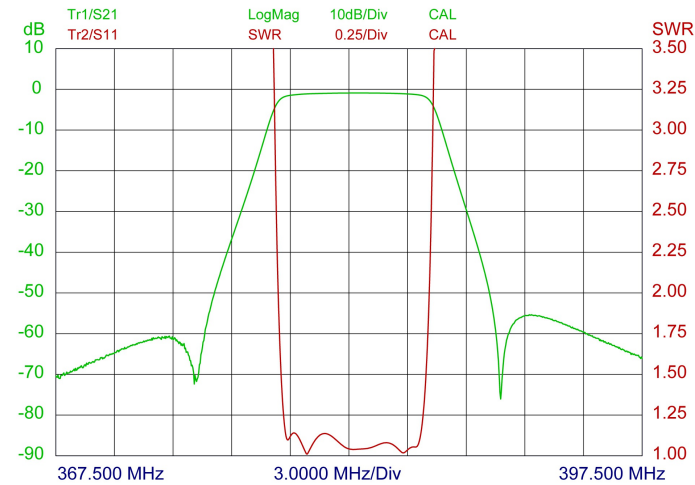
SPECIFICATIONS

Electrical	
Model	BPF 70/33-TETRA-...-...
Frequency	See ordering designations
Max. Input Power	200 W
Insertion Loss	≤ 1.5 dB (typ. 1.3 dB)
Impedance	50 Ω
VSWR	≤ 1.5:1 (all ports)
Stop Band Attenuation	> 55 dB / 5 MHz Typ. 58 dB / 5 MHz

Mechanical	
Connection(s)	N(f) or 7/16 Din(f)
Dimensions	220 x 155 x 86 mm / 8.66 x 6.10 x 3.39 in.
Weight	Approx. 3.5 kg / 7.72 lb.

Environmental	
Operating Temperature Range	-20°C to +60°C

Typical response curves



ORDERING

Model	Product No.	Frequency
BPF 70/33-TETRA-N(f)-1	200001953	380 - 385 MHz
BPF 70/33-TETRA-N(f)-2	200001954	385 - 390 MHz
BPF 70/33-TETRA-N(f)-3	200001955	390 - 395 MHz
BPF 70/33-TETRA-N(f)-4	200001956	395 - 400 MHz
BPF 70/33-TETRA-N(f)-5	200001957	410 - 415 MHz
BPF 70/33-TETRA-N(f)-6	200001958	415 - 420 MHz
BPF 70/33-TETRA-N(f)-7	200001959	420 - 425 MHz
BPF 70/33-TETRA-N(f)-8	200001960	425 - 430 MHz
BPF 70/33-TETRA-N(f)-9	200001961	450 - 455 MHz
BPF 70/33-TETRA-N(f)-10	200001962	455 - 460 MHz
BPF 70/33-TETRA-N(f)-11	200001963	460 - 465 MHz
BPF 70/33-TETRA-N(f)-12	200001964	465 - 470 MHz
BPF 70/33-TETRA-7/16(f)-1	200001629	380 - 385 MHz
BPF 70/33-TETRA-7/16(f)-2	200002023	385 - 390 MHz
BPF 70/33-TETRA-7/16(f)-3	200002024	390 - 395 MHz
BPF 70/33-TETRA-7/16(f)-4	200002025	395 - 400 MHz
BPF 70/33-TETRA-7/16(f)-5	200002026	410 - 415 MHz
BPF 70/33-TETRA-7/16(f)-6	200002027	415 - 420 MHz
BPF 70/33-TETRA-7/16(f)-7	200002028	420 - 425 MHz
BPF 70/33-TETRA-7/16(f)-8	200002029	425 - 430 MHz
BPF 70/33-TETRA-7/16(f)-9	200002030	450 - 455 MHz
BPF 70/33-TETRA-7/16(f)-10	200002031	455 - 460 MHz
BPF 70/33-TETRA-7/16(f)-11	200002032	460 - 465 MHz
BPF 70/33-TETRA-7/16(f)-12	200002033	465 - 470 MHz

