



Model 23-BPF 23 cm BAND-PASS FILTER

The KH6HTV VIDEO Model 23-BPF is a Band-Pass Filter for the amateur radio 23 cm band (1.24-1.3 GHz). It features a flat response across the band with 1.5 dB insertion loss.



1220 MHz center freq., 100 MHz span

(left) blue trace is S21 insertion loss (2dB/div) yellow trace is S11 return loss (3dB/div)

(right) blue trace is S21, (10dB/div)

Parameter	typical	Parameter	typical
Pass Band	1.24 - 1.3 GHz	Insertion Loss	1.5 dB
Bandwidth (-3dB)	115 MHz	Bandwidth (-20dB)	400 MHz
S21 (430MHz)	> -40 dB	S21 (2.4GHz)	> -35 dB
RF connectors	SMA	Dimensions	1.5"x3.6"x1.25"
Test Report	included at no charge. includes S11 & S21 plots shown above		

Note: This filter is intended for receive only applications. Do not use with transmitters.

KH6HTV-VIDEO www.kh6htv.com e-mail: kh6htv@arrl.net Boulder, Colorado, USA