



- Cavity Telecommunications Filter
- $F_0$  1730 MHz, BW +/- 25 MHz
- Pass Band 1705 to 1755 MHz
- N-Type Connectors (m/f)
- Input Power 5W
- Wide Temperature Range -20°C to +60°C
- Low Insertion Loss

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency ( $F_0$ )	MHz	-	1730	-
Pass Band	MHz	1705		1755
Band Width	MHz		$F_0 \pm 25$	
Impedance	Ohm		50	
Insertion Loss @ BW	dBa			1.0
Ripple	dB			0.5
Return Loss @ BW	dB	18		
VSWR				1.29:1
Attenuation @ 700 to 1625 MHz @ 1820 to 2100 MHz	dBc	60 60		
Input Power	Watt			5
Dimensions L x W x H (body without connectors)	mm inch		70 x 40 x 35 2.8 x 1.6 x 1.4	
Weight	kg lb		1.3 2.9	
Operating Temperature	°C	-20		+60

This product complies with EU directive 2002/95/EC (RoHS compliance)

Finish: black epoxy

## Order Information

Type	Description
CAVBPF1730H50-N	Band Pass Filter Cavity, 1730 MHz, BW 50 MHz, N-Type Connectors (m/f)

Specifications subject to change without further notification

### RF & Microwave Technology

AWT-Global provides advanced telecommunication technology products and analyzers for a variety of RF and Microwave applications.

### High Performance Filters

Filters are paramount at any RF system. Our state of the industry cavity filters are satisfying most demanding requirements. Contact us for other frequency and attenuation requirements.

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# Frequency Response

