



Dimensions in mm

- Cavity Telecommunications Filter
- F_0 1880 MHz, BW +/- 30 MHz
- Pass Band 1850 to 1910 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	-	1880	-
Pass Band	MHz	1850		1910
Band Width	MHz		$F_0 \pm 30$	
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 1810 MHz @ 1930 to 2100 MHz	dBc	30 40		
Input Power	Watt			5
Dimensions L x W x H (body without connectors)	mm inch		80 x 46 x 34 3.1 x 1.8 x 1.3	
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
CAVBPF1880H60-N	Band Pass Filter Cavity, 1880 MHz, BW 60 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.

AWT Global

117 Grand Avenue
Hackettstown
New Jersey 07840, USA
p: +1 (973) 321-3423
e: sales@awt-global.com
w: www.awt-global.com

Frequency Response

