



Dimensions in mm

- Cavity Telecommunications Filter
- F_0 835 MHz, BW +/- 15 MHz
- Pass Band 820 to 850 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	-	835	-
Pass Band	MHz	820		850
Band Width	MHz		$F_0 \pm 15$	
Impedance	Ohm		50	
Insertion Loss @ BW	dBa			1.0
Ripple	dB			0.5
Return Loss @ BW	dB	18		
VSWR				1.29:1
Attenuation @ 500 to 757 MHz @ 860 to 1000 MHz	dBc	40 38		
Input Power	Watt			5
Dimensions L x W x H (body without connectors)	mm inch		88 x 50 x 52 3.5 x 2.0 x 2.1	
Weight	kg lb		1.8 4.0	
Operating Temperature	°C	-20		+60

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

Finish: black epoxy

Order Information

Type	Description
CAVBPF835H30-N	Band Pass Filter Cavity 835 MHz, BW 30 MHz, N-Type Connectors (m/f)

Specifications subject to change without further notification

RF & Microwave Technology

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Frequency Response

