



Dimensions in mm

- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- $F_0$  836.5 MHz, BW +/- 12.5 MHz
- Pass Band 824 to 849 MHz
- 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	-	836.5	-
Pass Band	MHz	824		849
Band Width	MHz		$F_0 \pm 12.5$	
Impedance	Ohm		50	
Insertion Loss @ BW	dBa			3.0
Ripple	dB			2.0
Return Loss @ BW	dB	14	15	
VSWR			1.44:1	1.5:1
Attenuation @ 350 to 810 MHz	dBc	40		
@ 860 to 2200 MHz		40		
Input Power	Watt			5
Operating Temperature	°C	-20		+60
ROHS	YES			

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

## Order Information

Type	Description
CBPF836H25-N	Band Pass Filter Ceramic 836.5 MHz, BW 25 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 ceramic filters are satisfying most demanding requirements. Contact us for other frequency and attenuation requirements.

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