



Dimensions in mm

- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- $F_0$  835 MHz, BW +/- 15 MHz
- Pass Band 820 to 850 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	-	835	-
Pass Band	MHz	820		850
Band Width	MHz		$F_0 \pm 15$	
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 @ 500 to 757 MHz	dBc	30		
@ 860 to 1000 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
CBPF835H30-N	Band Pass Filter Ceramic 835 MHz, BW 30 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.

### 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