



- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- $F_0$  832.5 MHz, BW +/- 17.5 MHz
- Pass Band 815 to 850 MHz
- Input Power 5W
- Temperature Range -10°C to 55°C
- Low Insertion Loss
- High out-of-band attenuation to 2400 MHz

## Specifications

Parameter	Minimum	Typical	Maximum
Center Frequency ( $F_0$ )	-	832.5	-
Pass Band	815		850
Band Width		$F_0 \pm 15$	
Impedance		50	
Insertion Loss @ BW			3.0
Ripple			2.5
Return Loss @ BW	14	15	
VSWR		1.44:1	1.5:1
Attenuation @ 500 to 757 MHz	40		
Attenuation @ 860 to 1000 MHz	38		
Attenuation @ 1000 to 2400 MHz	40		
Input Power			5
Operating Temperature	-10		55
Dimensions (w/o connectors) LWH	mm	66 x 50 x 29	
	inch	2.6 x 2.0 x 1.1	
ROHS	YES		

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

## Order Information

Type	Description
CBPF832H35-N	Ceramic Band Pass Filter 832.3 MHz, BW 30 MHz, Filter Range 500 to 2400 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