



- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- $F_0$  707 MHz, BW +/- 8 MHz
- Pass Band 699 to 715 MHz
- Input Power 5W
- Temperature Range 10°C to 35°C
- Low Insertion Loss
- High out-of-band attenuation to 2400 MHz

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency ( $F_0$ )	MHz	-	707	-
Pass Band	MHz	699		715
Band Width	MHz		$F_0 \pm 8$	
Impedance	Ohm		50	
Insertion Loss @ BW	dBa			3.0
Ripple	dB			2.5
Return Loss @ 699 to 715 MHz	dB	14	15	
VSWR			1.44:1	1.5:1
Attenuation @ 500 to 690 MHz	dBc	40		
Attenuation @ 722 to 1000 MHz		40		
Attenuation @ 1000 to 2400 MHz		40		
Input Power	Watt			5
Operating Temperature	°C	10		35
Dimensions (w/o connectors) LWH	mm inch		66 x 50 x 29 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
CBPF707H16-N-2	Ceramic Band Pass Filter 707 MHz, BW 16 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.

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