



- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- F_0 1733.5 MHz, BW +/- 22.5 MHz
- Pass Band 1711 to 1756 MHz
- Input Power 5W
- Temperature Range -10°C to 55°C
- Low Insertion Loss
- High out-of-band attenuation to 2400 MHz

Dimensions in mm

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency (F_0)	MHz	-	1733.5	-
Pass Band	MHz	1711		1756
Band Width	MHz		$F_0 \pm 22.5$	
Impedance	Ohm		50	
Insertion Loss @ BW	dBa			3.0
Ripple	dB			2.5
Return Loss @ BW	dB	14	15	
VSWR			1.44:1	1.5:1
Attenuation @ 700 to 1625 MHz	dBc	60		
Attenuation @ 1820 to 2100 MHz		60		
Attenuation @ 2100 to 2400 MHz		50		
Input Power	Watt			5
Operating Temperature	°C	-10		55
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
CBPF1733H45-N	Ceramic Band Pass Filter Ceramic 1733 MHz, BW 45 MHz, Filter Range 700 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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