



- Ceramic Telecommunications Filter
- N-Type Connectors (m/f)
- F_0 782 MHz, BW +/- 6 MHz
- Pass Band 776 to 788 MHz
- Input Power 5W
- Temperature Range -10°C to 55°C
- Low Insertion Loss
- High out-of-band attenuation to 2400 MHz

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency (F_0)	MHz	-	782	-
Pass Band	MHz	776		788
Band Width	MHz		$F_0 \pm 6$	
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 @ 500 to 757 MHz	dBc	48		
Attenuation @ 815 to 1000 MHz		48		
Attenuation @ 1000 to 2400 MHz		40		
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
CBPF782H12-N-2	Ceramic Band Pass Filter 782 MHz, BW 12 MHz, Filter Range 500 - 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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