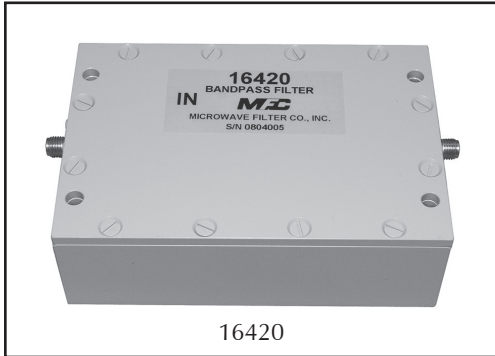


ISM (2.4 GHz) Full Band Bandpass Filters

MFC offers a selection of full band bandpass filters for wireless broadband applications in the ISM (2.4-2.5GHz) band.

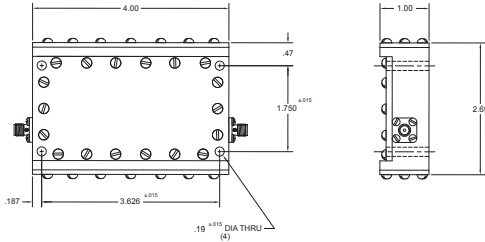


Model 16420 Full Band (Ultra-Low Loss) Bandpass Filter

This filter isolates the full ISM Band by providing deep suppression of other transmission sources (GPS, BAS, BRS, EBS) and it's extremely low-loss assures smooth operation with minimal signal degradation.

Specifications:

Center Frequency (Fo)	.....	2448 MHz
Insertion Loss @ Fo	.....	0.5 dB Typ
Ripple	.....	0.25 dB Max
Relative 0.5 dB Bandwidth	.....	100 MHz Min
Power	.....	50 Watts Max
Rejection	.....	80 dB Min @ 2000 MHz 60 dB Min @ 2700 MHz
Impedance	.....	50 ohms
Connectors	.....	N or SMA Female (See chart below)
Operating Temperature Range	.....	-40°C to +85°C
Weatherized		



	Connector Configuration	
Model #	Input	Output
16420	SMA Female	SMA Female
16420-1	N Female	N Female



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