

Band Pass Filter Module

1.7 – 1.85 GHz

COBHAM

Model Number: BPFL2

The most important thing we build is trust.

Cobham's Miniature Band-Pass Filters combine high performance with a small foot print! These economical ceramic filters provide low insertion loss, low pass-band ripple, and wide bandwidths. The BPFL2 model provides a pass band of 1.7 GHz to 1.85 GHz with a five section response. These filters are designed for rugged use and operate from -20 to +70° C with up to 100% humidity (non-condensing) and come with standard SMA connectors.



Specifications:

Pass-Band Frequency Range	1.7 GHz to 1.85 GHz
-3 dB Frequency Range	1.67 GHz to 1.95 GHz
Topology	Band Pass
Type	Ceramic BPF
Number of Sections	5
Insertion Loss	1.5 dB
Impedance	50 Ohm
VSWR In/Out	55dB, 10MHz to 1.5 GHz 60 dB, 2.3 GHz to 4.8 GHz
Ripple	<0.6 dB
Power Ratings	2 W Average, 15 W Peak
Connectors	In SMA-F, Out SMA-M
Size	1.65" x 1.5" x 0.45" 4.19 cm x 3.81 cm x 0.11 cm
Weight	1.6 oz, 45.36 grams
Temperature	-20° C to +70° C
Humidity	100%

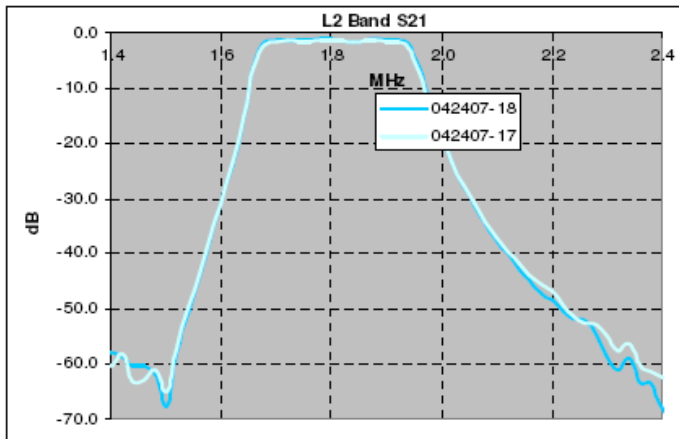
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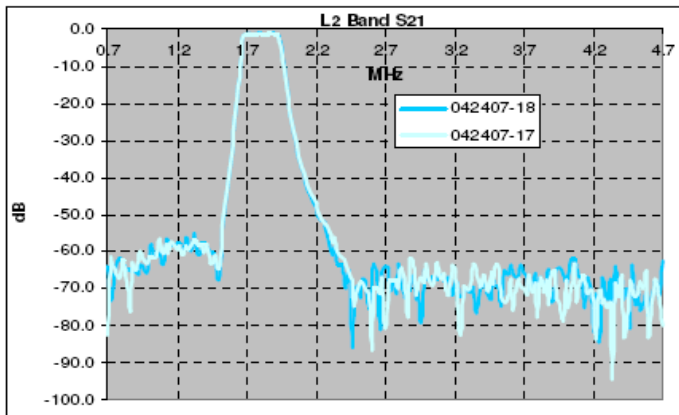


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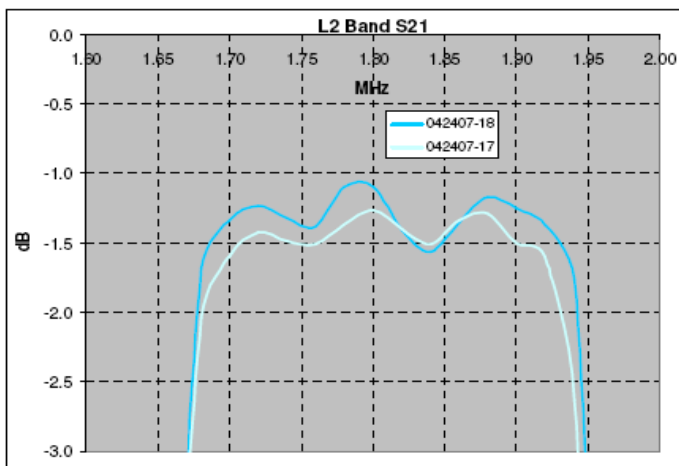
Typical Frequency Response Curves



Frequency Response (Close-in)



Frequency Response (Wide-Band)



Ripple

Specifications subject to change without prior notice
Typical values shown unless min or max is specified
100-DS0211X2 JUN0412

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