

HyperLink Wireless 2.4 GHz 802.11b and 802.11g Compatible 8-Pole Ultra High Q Outdoor WiFi Bandpass Filters

Features

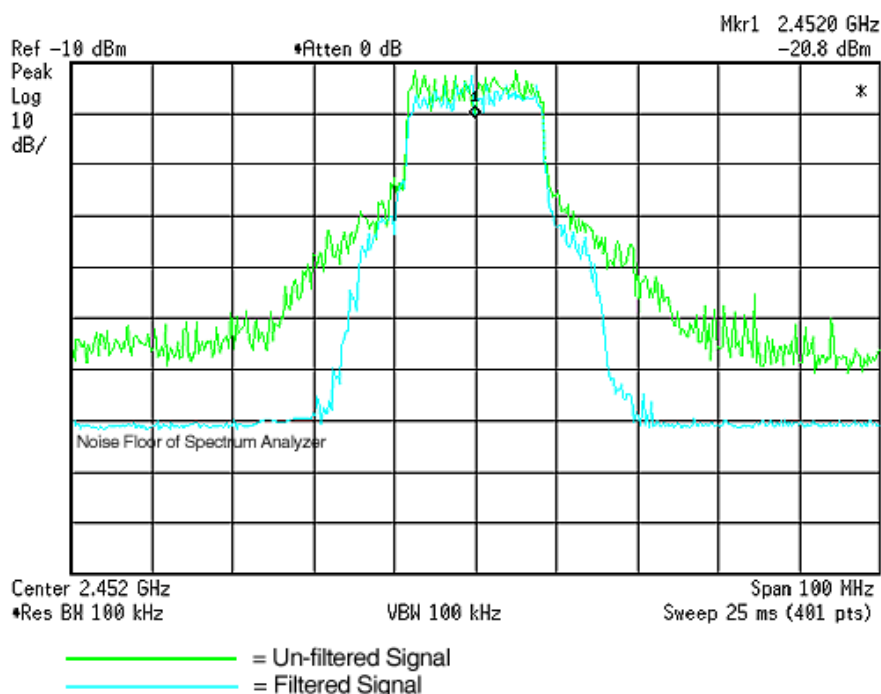
- Ultra-High Quality Microwave Cavity Filter
- Ultra Low Insertion Loss (<2 dB)
- Reduce Interference and Improve Performance
- Rugged Aluminum Weatherproof Construction for Outdoor Use
- 22 MHz Bandwidth
- Provides Lightning Protection (DC Short)
- Ideal for high data rate 802.11b and 802.11g Wireless LAN applications
- Ideal for Minimizing Adjacent Channel Interference
- Compact Size
- N-Female Connectors
- Optional Mast Mounting Kit Available



Description

Superior Performance

The HyperLink outdoor 2.4 GHz 8-Pole Ultra-High Q Wi-Fi channel filters are ideal for co-located equipment installations. Available in five versions for Channel 1, 6, 9, 11 and 13, they provide excellent adjacent channel rejection. By reducing interference from both inside and outside the band, improved performance of co-located equipment can be achieved. These bandpass filters are bi-directional, so either end can be connected to the antenna. Designed for outdoor use, they feature rugged aluminum weatherproof construction. The following plot demonstrates how the filter cleans up the adjacent channel spectrum:



(54 mBit 802.11g Radio on Channel 9)

Specifications

Models	Center Frequencies	Out of Band Rejection
BPF24-801A	2412 MHz - Channel 1	>60 dB @ 2387 MHz >60 dB @ 2437 MHz
BPF24-806A	2437 MHz - Channel 6	>60 dB @ 2412 MHz >60 dB @ 2462 MHz
BPF24-809A	2452 MHz - Channel 9	>60 dB @ 2427 MHz >60 dB @ 2477 MHz
BPF24-811A	2462 MHz - Channel 11	>60 dB @ 2437 MHz >60 dB @ 2487 MHz
BPF24-813A	2472 MHz - Channel 13	>60 dB @ 2447 MHz >60 dB @ 2497 MHz

General Specifications (All Models)	
Bandwidth (-3 dB)	22 MHz
Insertion Loss	3 dB nominal
Passband Ripple	< 0.25 dB
Return Loss	> 15 dB
Harmonic Rejection	> 90 dBc
Impedance	50 Ohm
Power Handling	50 Watts
Connectors	(2) N-Female
Number of Cavities	8
Operating Temperature	-40° F to 185° F (-40° C to +85° C)
Dimensions	4.9" x 2.9" x 1.4" (124 x 74 x 35 mm)
Weight	1.57 lbs. (0.71 Kg)

Optional Mast Mounting Kit

Model	Description
 HGX-PMT14	Mast Mounting Kit for HyperLink outdoor filters. For mounting to 1-1/4" (31.7mm) to 2" (51mm) dia. masts. This kit contains an aluminum mounting bracket, zinc plated steel 1/4-20 x 2" u-bolt with serrated flange nuts and filter mounting hardware.

Guaranteed Quality

This product is backed by L-com's Limited Warranty.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ethernet Cables / Networking Cables](#) ***category:***

Click to view products by [L-Com](#) ***manufacturer:***

Other Similar products are found below :

[73-7795-1](#) [MCJB2-10P6Q7-120](#) [84909-0204](#) [1-1997459-2](#) [1-1997459-3](#) [ASP-144414-04](#) [E16A06002M030](#) [18169-0524](#) [1969343-6](#)
[C5UMB3FBG](#) [21949-1](#) [360031](#) [AX100351](#) [09459711142](#) [73-7793-1](#) [WHU18-1836-060](#) [1-3636-620-5214](#) [STS](#) [09470303023](#) [09459711118](#)
[1404682](#) [C5SMB14FBG](#) [CA21116001](#) [WK-100](#) [UTPCH22VLY](#) [UTPSP50BLY](#) [C6F1106003](#) [UTPSP16MRDY](#) [UTPSP16MGRY](#)
[UTP28CH30MBL](#) [AX105520](#) [CAPFCU-B25](#) [CB8MMBK-B100](#) [DK-1511-002/B](#) [STP6X1BU](#) [904873-000](#) [17-103134](#) [1110401155](#)
[09459711186](#) [EL6614](#) [MRC191ZN79H1](#) [SSFPP-P03M0-2](#) [1426514](#) [1413684](#) [1426515](#) [1414043](#) [1413685](#) [7000-44511-6590150](#) [7000-](#)
[44511-7940300](#) [7000-44561-7940150](#)