

Band pass filters are in-line devices for reducing out-of-band signals on both transmit and receive. They are particularly useful in high interference environments commonly found on well-utilised mast sites.

Main Features

- 3 pole ceramic filter
- Centre frequency 2442MHz
- Pass band 2400MHz – 2483.5MHz
- Bi-directional device
- Passive device
- Maintenance free
- Manufactured by Teletronics (USA)



Electrical Specifications

Centre frequency	2442MHz
Pass band	2400 – 2483.5MHz
Impedance	50 Ohms
Insertion loss	-3dB typical
Pass band variation	1.0dBc max
Rejection	2700MHz: -45dB 1900MHz: -45dB
Poles	3
Maximum power	5 Watts

Installation

- Attach the casing securely.
- Attach cable from radio to jack marked "TO RADIO"
- Attach cable from antenna to jack marked "TO ANTENNA"

Mechanical Specifications

Input connector	N-Female
Output connector	N-Male
Operating temperature	-20°C to 70°C
Overall dimensions	90mm x 80mm x 30mm
Mounting centres	38mm & 63mm