

# EW 438-04

BSC Filters Limited  
10-11 Stirling Park, Bleriot Way  
Clifton Moor, York, YO30 4WU. UK  
Telephone: +44 (0) 1904 694250  
E-mail: [sales@bscfilters.com](mailto:sales@bscfilters.com)  
Web-site: [www.bscfilters.com](http://www.bscfilters.com)

## SUSPENDED SUBSTRATE HIGHPASS FILTER

Designed to protect K and Ku Band receiver systems from signals below 16 GHz, with low insertion loss this filter has minimal impact on systems sensitivity whilst providing over 60 dB isolation from unwanted signals.

Passband:	18.0 to 40.0 GHz
Insertion Loss:	1.5 dB max
Passband Ripple:	±0.6 dB max
Return Loss:	10 dB min
Rejection from DC to 16.0 GHz:	60 dB min
Power Handling:	2 W CW max
Operating temperature:	-54 to 125°C
Connectors:	K-Type Female
External Finish:	Matt Black



### Outline:

