

# EW 443-01

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 LOWPASS FILTER

With flat Group Delay characteristics, and high level rejections above 2.8 GHz this filter lends itself to use in low frequency phase direction finding systems.

Passband:	DC to 2.4 GHz
Insertion Loss:	1.0 dB max
Group Delay Variation:	0.85 nS max
Return Loss:	14 dB min
Rejection from 2.8 to 8.0 GHz:	30 dB min
Power Handling:	+23 dBm max
Operating temperature:	0 to 50°C
Connectors:	SMA Female
External Finish:	Matt Black

### Outline:

