

# SATCOM 344-01

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)

## C BAND RECEIVE FILTER

BSC's excellence in filter design has enabled it to offer a C Band receive filter with waveguide flanges, for ease of integration into a waveguide feed arm assembly; but with extended rejection bands allowing use in congested EM environments, such as those found aboard maritime platforms where physically adjacent high power transmitters may lead to a desensitisation of the C Band LNB.

Passband:	3.625 to 4.2 GHz
Insertion Loss:	0.5 dB max
Return Loss:	17 dB min
Rejection from DC to 3.185 GHz:	60 dB min
Rejection from 4.55 to 11.0 GHz:	60 dB min
Power Handling:	5 W max
Operating temperature:	-40 to 85°C
Connectors:	UDR40 Flange
External Finish:	Gloss White



### Outline:

