

# SATCOM 306-01

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## Ka BAND RECEIVE FILTER

For Ka Band satellite Uplink channels, BSC offer this low loss compact filter. Designed to be mounted directly on the feed arm, this filter is painted white and sealed to allow outdoor use. Fitted as standard with UG599 flanges; other flanges and paint finishes are available, please contact the factory for further details.

Passband:	30 to 31 GHz
Insertion Loss:	1.0 dB max
Passband Flatness:	0.5 dB
Return Loss:	20 dB min
Rejection from DC to 9.8 GHz:	90 dB min
Rejection from 9.8 to 10.3 GHz:	80 dB min
Rejection from 10.3 to 29.05 GHz:	60 dB min
Power Handling:	5 W
Operating Temperature:	-20 to 50°C
Group Delay:	1 nS / band, 0.5 nS / any 40 MHz
Flanges:	UG599/U
External Paint Finish:	Gloss White

## Outline:

