

# DLINK 457-01

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## WAVEGUIDE BANDPASS FILTER

For Point to Point fixed microwave service in the 31 GHz band and Ka Band satellite uplinks, BSC offer the DLINK 457. With a waveguide to coaxial adapter integrated into the filter and flat insertion loss through the passband, the filter lends itself to ease of integration.

Passband:	31.0 to 31.25 GHz
Insertion Loss:	1.5 dB max
Insertion Loss Variation:	0.2 dB over any 27 MHz band
Return Loss:	20 dB min
Rejection from 26.0 to 30.75 GHz:	40 dB min
Rejection from 31.5 to 40.0 GHz:	40 dB min
Power Handling:	2 W max
Operating temperature:	-30 to 60°C
Connectors:	UG599/U SMA Female
External Finish:	Dark Grey

### Outline:

