

# DLINK 458-01

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## WAVEGUIDE BANDPASS FILTER

For Point to Point fixed microwave service in the 31 GHz band and Ka Band satellite uplinks as well as Global Remote Sensing applications, BSC offer the DLINK 458. 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:                        | 31.5 to 31.8 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 31.3 GHz: | 30 dB min                   |
| Rejection from 32.0 to 40.0 GHz: | 30 dB min                   |
| Power Handling:                  | 2 W max                     |
| Operating temperature:           | -30 to 60°C                 |
| Connectors:                      | UG599/U<br>SMA Female       |
| External Finish:                 | Matt Black                  |

### Outline:

