## TCOM 428-01

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## WAVEGUIDE DIPLEXER

BSC have a wide range of components that have been designed for the Telecom Industry. This low loss waveguide diplexer is designed to operate in Q Band, with low loss and extremely high isolation realised using BSC proprietary pseudo-elliptic technology the diplexer offers an ideal solution.

Tx Passband: 38.95 to 39.3 GHz Rx Passband: 39.65 to 40.0 GHz

Insertion Loss: 2.3 dB max Passband Ripple in any 50 MHz: 0.3 dB max Return Loss: 16 dB min Rejection from 39.65 to 40.0 GHz: 55 dB min Power Handling: 10 W max Operating temperature: -30 to 70°C Connectors: **UBR28 Flange** External Finish: Silver Plate

## Outline:



