

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:

