



Norsat
International Inc.

Intelligent Satellite Solutions



MICROWAVE COMPONENT

KU-BAND WAVEGUIDE DIPLEXER

TYPICAL SPECIFICATIONS WGD-001

Rx Passband	10.95 to 12.75 GHz
Tx Passband	13.75 to 14.5 GHz
Rx Passband Insertion Loss at Bandedge	0.35 dB max
Tx Passband Insertion Loss at Bandedge	0.25 dB max
Passband Return Loss (all ports)	1.25 : 1 max
Rejection from 10.95 to 12.75 GHz	35 dB min
Rejection from 13.75 to 14.5 GHz	70 dB min
Flanges	WR 75

