

RQT K/Ka band Feed unit
Includes: 4 ports, RRF, TRF, OMT, Polarizer

RQT-KKa-4port-unit operates at both K and Ka band for satellite communication transmit and receive operation.

This feed unit includes all waveguide components required for full 4 port operation in one full robust unit:

- Receive Reject Filtering
- Transmit Reject Filtering
- Orthomode Transducer
- Polarizer

This compact and robust construction has been a popular design within the satellite communication industry.

Technical specifications

Application	Ka-band reflector system
TX Frequency	29.2 GHz – 31 GHz
RX Frequency	19.20 GHz – 21.20 GHz
Polarity	Circular, 4 port Rx RHCP / LHCP Tx RHCP / LHCP
Flange for connections	WR28 WR42 Grooved with gaskets
Return loss	>18 dB
Isolation Rx-Tx	>70 dB
Axial ratio	<1.2 dB
RxTx	

Drawings (mm)

