

#### WIRELESS BACKHAUL TRANSCEIVER

# **BUC/LNB**

# Q-band QBUC/QLNB TQ3800/RQ3800





## TYPICAL SPECIFICATIONS

<b>QDUU</b>
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S-band Input frequency

**Output frequency** 37.0 - 40.0 GHz

LO frequency 8.5 - 9. 5GHz

Frequency sense No inversion

Output power (P1dB) +20dBm (typical)

**Output Third-order Intercept** 28dB min

Gain 28dB (typical)

**Gain flatness** ±1dB in any 200MHz

Spurious (In/Out-band) -50dBc max @+3dBm

In/Out return loss 10dB min

Input interface SMA-female

**Output interface** WR-28

**Power requirement** +6.5 VDC, 32W max

Dimension 166(L) x 80(W) x 15(H) mm

Weight 400g

Operating temp -20 to 50 °C

#### **QLNB**

37.0 - 40.0 GHz Input frequency

**Output frequency** S-band

LO frequency 8.5 - 9. 5GHz

Frequency sense No inversion

Output power (P1dB) +5dBm (typical)

**Output Third-order Intercept** 15dB min

Gain 24dB (typical)

Gain flatness ±1dB in any 200MHz

Spurious (In/Out-band) -50dBc max @+3dBm

In/Out return loss 10dB min

WR-28 Input interface

**Output interface** SMA-female

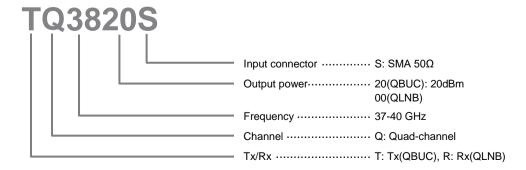
**Power requirement** +5 VDC, 15W max

Dimension 138(L) x 80(W) x 15(H) mm

Weight 350g

Operating temp -20 to 50 °C

### HOW TO ORDER Q-BAND QBUC/QLNB



Version 1.1 Q-band QBUC, QLNB. TQ3800, RQ3800