

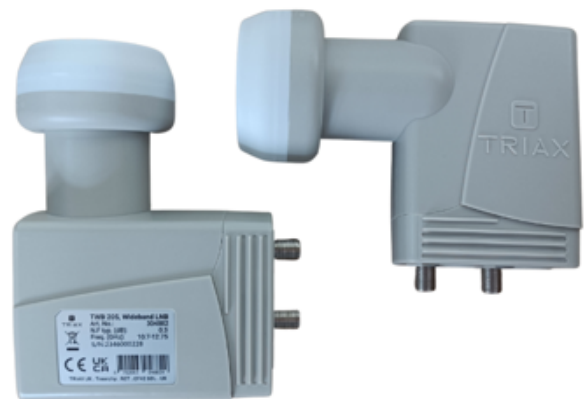
TWB 204

Art.No 304882

Product information and specs

TWB 204 - Wideband LNB

- PLL technology
- Silver connectors
- Sliding cover to protect the 2 outputs
- Input frequency: 10.7 ~12.75 GHz
- Output frequency: 290~2340 MHz
- L.O: 10.41 GHz
- L.O stability: $\pm 1.0\text{MHz}$ @ $-40 \sim +60^\circ\text{C}$
- Conversion gain: 56 to 64 dB
- Noise figure: 0.3dB typical
- Current consumption: 80mA (max.)



Item Name	TVB 204 Wideband LNB
Art No.:	304882
Input Frequency Range	10.7 ~ 12.75 GHz
Output Frequency Range Vertical	290 ~ 2340MHz
Horizontal	290 ~ 2340MHz
Local Oscillator Frequency	10.41 GHz
Local Oscillator Stability	± 0.5 MHz (Max) @ Room Temp. ± 1 MHz (Max) @ $-40^\circ\text{C} \sim +60^\circ\text{C}$
Local Oscillator Phase Noise	-50dBc/Hz @ 1kHz (Max.) -75dBc/Hz @ 10kHz (Max.) -90dBc/Hz @ 100kHz (Max.)
Noise Figure	0.3dB (Typ.) ; 0.9dB (Max.)
Conversion Gain	56 ~ 64 dB
Gain Flatness in 26MHz Bandwidth	± 0.5 dB (Typ.)
Gain variation	7dB (max.) @ full band
Cross-Pol. Isolation	25dB (Typ.)
Image Rejection	40dB (typ.)
Current Consumption	80mA (max.)
Power voltage	12 - 19V DC
Output Connector Type	75 Ohm female F-connector
Operating Temperature Range	$-40^\circ\text{C} \sim +60^\circ\text{C}$
Net Weight	0.20 Kgs
Gross Weight	0.234 Kgs
Dimension	110 x 135 mm