

## TTW 200 Gold, Twin LNB

Art. Number 304872



TRIAX complete range of LNB's

- Great quality, low footprint
- Cutting edge RF technology
- Excellent Cross polar isolation
- Excellent low noise / low phase noise
- High output / low power consumption
- Weatherproof & qualified for harsh environments
- Complete range of Single, Twin, Quad, Quattro, Octo and other types on request

### Technical Specifications

#### ORDER INFORMATION

EAN Number 5702663048720

#### CHARACTERISTICS

|                                                  |            |
|--------------------------------------------------|------------|
| Feedhorn diameter   mm                           | Ø 40 mm    |
| Image rejection (min.)   dB                      | 40 dB      |
| LNB type                                         | Twin       |
| LO temperature drifting                          | ± 2 MHz    |
| Output VSWR                                      | 2.5:1      |
| Phase noise @ room temperature - 100 kHz         | -90 dBc/Hz |
| Phase noise @ room temperature - 10 kHz   dBc/Hz | -80 dBc/Hz |
| Phase noise @ room temperature - 1 kHz   dBc/Hz  | -55 dBc/Hz |

#### FREQUENCY RANGE

|                                 |                  |
|---------------------------------|------------------|
| Input frequency high band   GHz | 11.7...12.75 GHz |
| Input frequency low band   GHz  | 10.7...11,7 GHz  |
| L.O. frequency high band   GHz  | 10.6 GHz         |
| L.O. frequency low band   GHz   | 9.75 GHz         |
| L.O. technology                 | PLL              |
| Output frequency low band   MHz | 950...2150 MHz   |

## Technical Specifications

### GAIN

|                             |            |
|-----------------------------|------------|
| Conversion gain (typ.)   dB | 53...68 dB |
| Noise figure max.   dB      | 0,3 dB     |

### ISOLATION

|                                   |       |
|-----------------------------------|-------|
| Cross polarization isolation   dB | 20 dB |
|-----------------------------------|-------|

### ELECTRICAL

|                      |             |
|----------------------|-------------|
| Impedance   $\Omega$ | 75 $\Omega$ |
|----------------------|-------------|

### OPERATIONAL

|                                     |                  |
|-------------------------------------|------------------|
| DC Current consumption   mA         | 170 mA           |
| Operating voltage horizontal   V/DC | 16.0...20.0 V/DC |
| Operating voltage vertical   V/DC   | 11.5...14.0 V/DC |
| Temperature - operating   °C        | -30...60 °C      |

### CONNECTORS

|                |          |
|----------------|----------|
| Connector Type | F-female |
|----------------|----------|

### MECHANICAL

|                       |                       |
|-----------------------|-----------------------|
| Colour                | RAL 9002 - Grey white |
| Product Depth   mm    | 61 mm                 |
| Packaging Depth   m   | 0.066 m               |
| Packaging Height   m  | 0.143 m               |
| Total Weight   kg     | 0.234 kg              |
| Packaging Width   m   | 0.110 m               |
| Product Height   mm   | 135.2 mm              |
| Net Weight   kg       | 0.200 kg              |
| Packing QTY           | 1                     |
| Reflector type        | Offset                |
| Tara Weight   kg      | 0.034 kg              |
| Packaging Volume   m3 | 0.001 m3              |
| Product Width   mm    | 112 mm                |