

Series WTW-LS 20 RX / TX

Aircraft Antenna



Dual Channel RX / TX Tracking Antenna for Aircraft mounting



The WTW Anlagenbau GmbH is a premium manufacturer for telemetry antennas using the latest technology combined with ultimate performance for **Airplane, Helicopter, Missile and Rocket** test on **Land or Water**.

The WTW LSC Tracking Antennas are developed in according to the latest technology to fulfil compactness, last technology, low weight and high efficiency.

This is possible with more than 15 years experienced personal in developing robust and long-lasting mechanics and excellent RF features.



KEY FEATURES

- Weight: appr. 35 kg
- Dimension: appr. 22,5" x 28" (WxDxH)
- Polarisation: RHCP und LHCP
- Mode:
 - Auto-, Slave-, Manual-Tracking
- Torque:
 - Az. max. 40 Nm
 - El. max. 69 Nm
- Speed:
 - Az. max. 60°/sec
 - El. max. 60°/sec
- Movement:
 - Az. unlimited (Slipping)
 - El. -10° up to 100°

- Option:**
- C-Band



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Frequency Range	1400 MHz to 2485 MHz Optional C-Band
Gain	appr. 15 dBi @ 1850 MHz appr. 19 dBi @ 2350 MHz appr. 19 dBi @ 4650 MHz (Option) appr. 20 dBi @ 5150 MHz (Option)
Velocity Azimuth	max. 60°/sec
Velocity Elevation	max. 60°/sec
Acceleration Azimuth	max. 60°/sec ²
Acceleration Elevation	max. 60°/sec ²
Output Torque (max. intermittent)	40 Nm
Elevation Travel	-5° to 90°
Azimuth Travel	unlimited
Power Requirement	appr. 150 W
Temperature	-20°C to +50°C (extended Temperature Range with Air Condition)
Humidity	0 to 100%
Dimension in Park Position (DxH)	22,5" x 28"

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