

# Series WTW-LSC 26 (IP64)



## The light weight dual axis auto tracking antenna.



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 30 years experienced personal in developing robust and long-lasting mechanics and excellent RF features.



### KEY FEATURES

- Weight: appr. 135 kg
- Dimension (Park Position): appr. 45.5" x 29.5" x 51.5" (WxDxH)
- Polarisation: RHCP und LHCP
- Mode:
  - Auto-, Slave-, Manual-Tracking
- Torque:
  - Az. max. 530 Nm (or customized)
  - El. max. 650 Nm (or customized)
- Speed:
  - Az. max. 28°/sec (or customized)
  - El. max. 37°/sec (or customized)
- Movement:
  - Az. unlimited (Slipring)
  - El. -5° up to 90° (optional up to 185°)
- operational Windspeed: up to 65mph
- stowed: up to 100mph

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**.

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Reflector Size	45.5" x 29.5"
Frequency Range	1435 MHz to 2485 MHz + C1-, C2-, C2e-Band (C1-, C2- and C2e-Band is down converted into a user programmable frequency between 1435-2485 MHz)
Gain	appr. 20 dBi @ 1850 MHz (3dBi more Option) appr. 24 dBi @ 2350 MHz (3dBi more Option) appr. 24 dBi @ 4650 MHz (3dBi more Option) appr. 25 dBi @ 5150 MHz (3dBi more Option)
Velocity Azimuth	max. 28°/sec
Velocity Elevation	max. 37°/sec
Acceleration Azimuth	max. 28°/sec <sup>2</sup>
Acceleration Elevation	max. 37°/sec <sup>2</sup>
Output Torque (max. intermittent)	650 Nm
Elevation Travel	-5° to 90° (optional up to 185°)
Azimuth Travel	unlimited
Power Requirement	appr. 800 W
Temperature	-20°C to +50°C (extended Temperature Range with Air Condition)
Humidity	0 to 100%
Windspeed	Up to 65mph
Dimension in Park Position (WxDxH)	45.5" x 29.5" x 51.5"
Options	
Radom	
Gimbel	
Battery	
Diesel Generator	
Pedestal for Downconverter, Receiver, Dehydrator, Air Condition	

## National / International Sales / Marketing:

Tel Data System GmbH  
 Phone: +49 (0) 81 21 – 41 01 18  
 Email: [telemetrie@wtw-anlagenbau.de](mailto:telemetrie@wtw-anlagenbau.de)



## US Sales / Marketing:

Rampart Defense Solutions LLC  
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