

Series WTW-LS 20 (IP64)



The portable light weight dual axis auto tracking antenna.



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



KEY FEATURES

- Weight: appr. 24 kg
- Dimension (Park Position El. 90°): appr. 27.5" x 16" x 23" (WxDxH)
- Dimension (Transport Position El. 0°): appr. 27.5" x 15" x 22" (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. -5° up to 90°
- operational Windspeed: up to 65mph
- stowed: up to 100mph

Option:

- C-Band



The Power of German Engineering

Series WTW-LS 20 (IP64)



Series WTW-LS 20	
Reflector Size	25.5" x 15.5" (W x H)
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 @ 5100 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%
Windspeed	Up to 65mph
Dimension in Park Position (WxDxH)	22.5" x 15.5" x 22"
Options	
Radom	
Gimbel	
Battery	
Diesel Generator	
Pedestal for Downconverter, Receiver, Dehydrator, Air Condition	
Feet for mobile Application	
Mobile Hydraulic Tower (up to 8m)	

National / International Sales / Marketing:

Tel Data System GmbH

Phone: +49 (0) 81 21 – 41 01 18

Email: telemetrie@wtw-anlagenbau.de



US Sales / Marketing:

Rampart Defense Solutions LLC

Phone: +1 423.552.7064

Email: Brenda@rampartds.com



WTW Anlagenbau GmbH

Gutenbergstrasse 3

26632 Ihlow-Riepe

Germany

Phone: +49 (0) 4928/914598-0

Fax: +49 (0) 4928/914598-9

Email: telemetrie@wtw-anlagenbau.de

Web: www.tracking-antenna.de

The Power of German Engineering



Partner for progress

DIN EN ISO 9001:2008

Rev. August 2018