

Series WTW-LS 42 Parabol



The 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 15 years experienced personal in developing robust and long-lasting mechanics and excellent RF features.



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**.

KEY FEATURES

- Weight: n. a.
- Dimension (Park Position): appr. 21ft x 21ft x 29ft (WxLxH)
- Polarisation: RHCP und LHCP
- Mode:
 - GPS-, Slave-, Manual-Tracking
- Torque:
 - Az. max. 32000 Nm (or customized)
 - El. max. 46000 Nm (or customized)
- Speed:
 - Az. max. 10°/sec (or customized)
 - El. max. 10°/sec (or customized)
- Movement:
 - Az. unlimited (Slipping)
 - El. -5° up to 185°
- operational Windspeed: up to 65mph
- stowed: up to 100mph

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Reflector Size	21ft diameter
Frequency Range	1400 MHz to 2400 MHz Optional C-Band
Gain	appr. 37 dBi @ 1435 MHz appr. 42 dBi @ 2250 MHz
3dB beam width	appr. 2,20° @ 1435 MHz appr. 1,35° @ 2250 MHz
Velocity Azimuth	max. 10°/sec
Velocity Elevation	max. 10°/sec
Acceleration Azimuth	max. 10°/sec ²
Acceleration Elevation	max. 10°/sec ²
Output Torque (max. intermittent)	46000 Nm
Elevation Travel	-5° to 185°
Azimuth Travel	unlimited
Power Requirement	appr. 9000 W
Temperature	-20°C to +70°C
Humidity	0 to 100%
Windspeed	Up to 65mph
Dimension in Park Position (WxLxH on Trailer)	21ft x 21ft x 29ft
Options	
Diesel Generator	
Pedestal for Downconverter, Receiver, Dehydrator	

National / International Sales / Marketing:

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DIN EN ISO 9001:2008

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