

# COMPANY PROFILE

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Doewe Technologies, headquartered in Beijing, has been operating for a decade and currently has branches including the Beijing R&D Center, Chengdu R&D Center, Doewe Shanghai, Doewe Shenzhen, and Doewe Hong Kong. The company is fully committed to building its independent brand "Doewe," with its business covering two main categories: Advanced Sensing Measurement and Control (ASMC) and Professional Test and Measurement Solutions (PTMS).

The ASMC product line provides innovative high-precision sensing acquisition and data analytics solutions. PTMS focuses on industry-specific test and measurement solutions for audio, video, and RF applications. It has established the 5XC product system, serving sectors such as transportation, broadcasting, automotive electronics, consumer electronics, and university research institutes.

Through relentless effort, several of the company's products have become benchmark test instruments in their respective industries. Doewe Technologies also holds multiple core patents and software copyrights, participates in relevant industry standards working groups, and contributes to the formulation of national and industry standards. Building on past achievements, Doewe continues to increase its R&D investment. We have never forgotten our original aspiration, firmly believing that only profound technological accumulation creates value. We persistently pursue innovation in test and measurement technology, dedicated to technology development, application software services, and research in test and measurement solutions.

Leveraging its Beijing headquarters, related technical centers, and subsidiaries, Doewe Technologies has gradually established a nationwide pre-sales and after-sales service network, providing customers with professional technical consultation. Guided by the principles of "Rigorous, Efficient, Professional, Innovative," Doewe Technologies will continue steadfastly on this path, living up to the trust of every customer.

The journey ahead is long and challenging. We will accompany you on this path of growth to create a new future of technology together.

# Overview and Technical Specifications

## Overview

The PLA0930 high-performance loop broadcast transmitting antenna features wide bandwidth and good directivity, and is easy to install and carry. It is mainly used for transmitting and receiving 9KHz~30MHz radio signals, suitable for applications such as radio detection and EMC testing.

The PDA30300 high-performance biconical cage broadcast transmitting antenna features wide bandwidth and good directivity, and is easy to install and carry. It is mainly used for transmitting and receiving 30MHz~300MHz linearly polarized radio signals, suitable for applications such as radio spectrum monitoring, EMC testing, electronic reconnaissance, and electronic countermeasures.

## Technical Specifications

6KHz~30MHz Broadcast Transmitting Antenna	
Frequency Range	9KHz~30MHz
VSWR	3.5(Typ)
Maximum Power	2W,CW
Connector Interface	N-50K
Dimensions	≤525mm×565mm×65mm
Antenna Impedance	50Ω
Nominal Impedance	50Ω
Weight	≤3.5kg (Excluding adapter)
Color	Camouflage, White, Gray, Army Green (Color can be customized upon request)
Operating Temperature	-40°C~55°C

30MHz~300MHz Broadcast Transmitting Antenna	
Frequency Range	30MHz~300MHz
Polarization	Linear
VSWR	3(Typ)
Antenna Gain	-22~2.8dB(Typ)
Maximum Power	10W,CW
Connector Interface	N-50K
Dimensions	≤1.5m×0.8m×0.7m
Nominal Impedance	50Ω
Weight	≤3.5kg(Excluding adapter)
Color	Camouflage, White, Gray, Army Green (Color can be customized upon request)
Operating Temperature	-40°C~55°C



9KHz~30MHz



30MHz~300MHz





## Beijing Doewe Technologies Co., Ltd

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### **Beijing Headquarters**

Address: Room 1821, Building 2, Soubao Business Center, No. 16 South Third Ring Road West, Fengtai District, Beijing.

### **Technology Center**

Address: Room 1812, Building 2, Soubao Business Center, No. 16 South Third Ring Road West, Fengtai District, Beijing.

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