

# Phased Array Antenna 581966 (9612-00)

# FESTO

LabVolt Series

Datasheet



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## General Description

The Phased Array Antenna is specifically designed to be used with the Radar Training System. It allows an horizontal sector to be scanned (azimuthal scanning) without any antenna motion. The antenna can be tilted 90° to demonstrate elevation scanning. The Phased Array Antenna consists of a microwave switch coupled to a Rotman lens and microstrip tapered slot array antennas. A built-in circulator allows simultaneous transmission and reception.

\* WARNING: This equipment is subject to export control. Please contact your sales representative to know if this product can be imported in your region.

## Specifications

Parameter	Value
Scan Width	±35°
Number of Beams	16
Horizontal Beam Width	5 to 6°
Gain	20 to 22 dBi
RF Input and Output Impedance	50 Ω
Control Input	TTL
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	450 x 370 x 490 mm (17.7 x 14.6 x 19.3 in)
Net Weight	7.5 kg (16.5 lb)

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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