

Dual Feed Parabolic Antenna 581937 (9604-A0)

FESTO

LabVolt Series

Datasheet



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General Description

The Dual Feed Parabolic Antenna mounts on the rotating antenna pedestal and is fully compatible with the miniature plug-in RF quick connector. The dual-feed horns are connected to a microwave SPDT switch that allows alternating transmission and reception of the signal from each horn through the single rotary joint of the antenna pedestal. Switch control is achieved by superimposing a DC bias on the transmitted RF signal. The antenna beams formed by each horn are squinted in azimuth to allow lobe switching (sequential lobing) target tracking.

* **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
Crossover Level of Antenna Beams (at 6 m)	3.2 dB (typical)
Antenna beam Squint (at 6 m)	±3.2° (typical)
Physical Characteristics	
Dimensions (H x W x D)	425 x 375 x 515 mm (16.8 x 14.8 x 20.3 in)
Net Weight	1.9 kg (4.2 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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Festo Didactic SE

Rechbergstrasse 3
73770 Denkendorf
Germany

P. +49(0)711/3467-0
F. +49(0)711/347-54-88500

Festo Didactic Inc.

607 Industrial Way West
Eatontown, NJ 07724
United States

P. +1-732-938-2000
F. +1-732-774-8573

Festo Didactic Ltée/Ltd

675 rue du Carbone
Québec QC G2N 2K7
Canada

P. +1-418-849-1000
F. +1-418-849-1666

www.labvolt.com

www.festo-didactic.com