

# Two-Element Phasing Kit 581863 (9563-00)

**FESTO**

**LabVolt Series**

Datasheet



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General Description

The Two-Element Phasing Kit enables students to observe the effects of antenna phasing on the resulting antenna radiation pattern (combined radiation pattern). Different combined radiation patterns such as end-fire, broadside, and cardioid can be obtained. These can be measured, stored, and analyzed using the ATMS.



The Two Element Phasing Kit consists of an additional drooping monopole antenna (one is already included in the ATMS), an additional antenna mast with vertical mounting clips (one is already included in the ATMS), a power splitter/combiner, and a set of RF cables of different lengths. Phase shifts of 0, 90, and 180 degrees can be produced with the supplied RF cables. Other phase shifts can be produced by using RF cables having lengths that differ from those of the supplied RF cables.

Two drooping monopole antennas installed on the ATMS Antenna Positioner ready for experimenting the effects of antenna phasing.

Manual

Description

Manual  
number

Two Element Phasing Kit Instructions (User Guide) \_\_\_\_\_580352 (35166-E0)

Specifications

Parameter	Value
Operating Frequency	1 GHz
RF Cable Lengths	
RF Cable Lengths	30.0 (11.8 in)
	35.4 cm (13.9 in)
	40.8 cm (16.1 in)
Physical Characteristics	
Dimensions (H x W x D)	73 x 287 x 192 mm (2.9 x11.3 x 7.6 in)
Net Weight	1.58 kg (3.4 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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