

# Directional Coupler, 10 GHz 581839 (9523-00)

**FESTO**

LabVolt Series

Datasheet



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## General Description

The Directional Coupler is of the cross-guide type and has the following characteristics:

- It is formed by the superposition of two crossed waveguides sharing a common wall.
- The waveguides are at right angles to each other.
- Two cruciform openings located a quarter wavelength ( $\lambda/4$ ) apart are made in the common wall. These openings allow the microwave signal to couple from one guide into the other.

## Specifications

Parameter	Value
Coupling Factor	20 dB $\pm$ 1 dB

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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