



FLANN MICROWAVE

Automated Precision Variable Short Circuits

Series 051

Features

- Non-Contacting Choked Piston
- Precision Linear Actuator Drive
- RS485 Control Interface
- Optional Flann controller available
- Standard Range covers 18GHz to 112GHz
- Precision Flange

Applications

- Reflectometer
- High Power Variable Attenuator
- High Power Variable Phase Shifter
- Variable Frequency Filter
- Accurate reference plane for VSWR and impedance measurements



Model: 22051

The Flann Series 051 offers the user a programmable variable waveguide short circuit. Careful choke design ensures complete freedom from spurious resonances. The piston is driven by a precision linear actuator enabling accurate and repeatable piston positioning.

All units provide a high reflection coefficient (typically 0.99), incremental movement of only 1-micron, accurate positional repeatability (typically ± 2 micron) and typical movement speed of 5mm/s.

Related Products

Series SD5902: Switch Driver

Custom Design

Custom built instruments can be supplied; please contact the sales team for more information.

sales@flann.com

Alternative interfaces including custom drivers with or without front panel control and GPIB interface available.

FLANN MICROWAVE LTD.

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Bodmin
Cornwall
PL31 2QL

GET IN TOUCH:

Tel: +44 (0)1208 77777
sales@flann.com
www.flann.com



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Ordering Information

Please specify the following:

WG destination	Series	Flange
WG20-27	051	See Flann.com

Example: 27051 UG387/U-PF

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