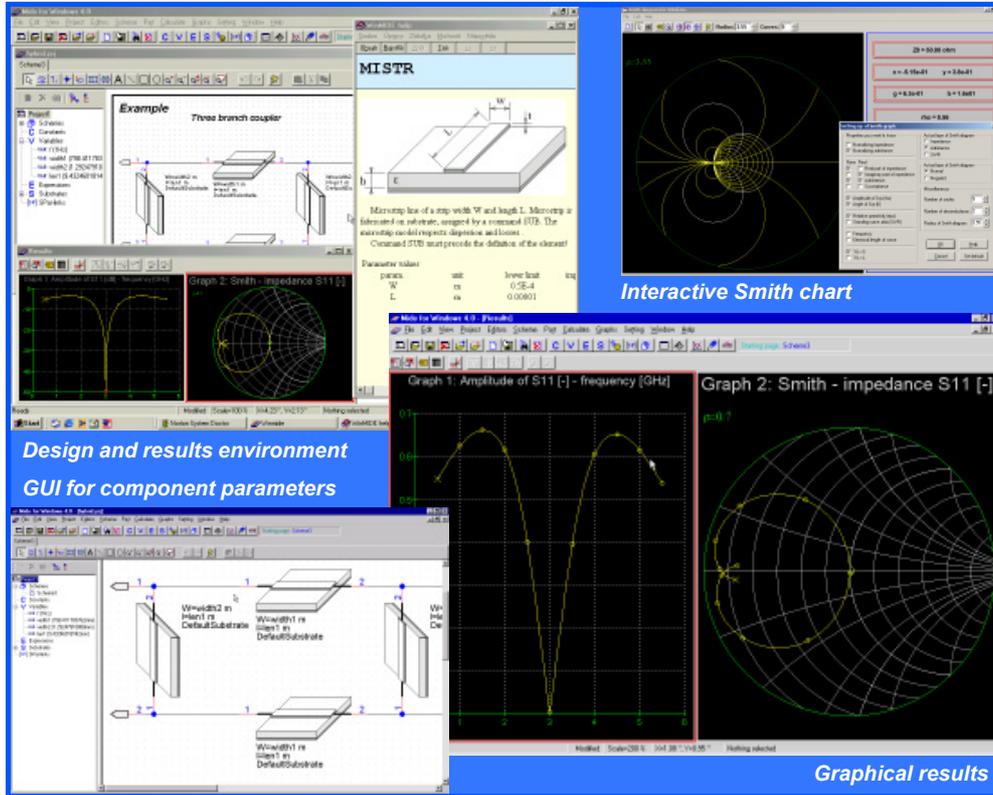


MIDE Microwave Design Software 56-901/56-902



- Design and analysis using over 50 element models including microstrip and other planar lines, coaxial, waveguide and lumped elements.
- Graphical User Interface (GUI) including schematic editor.
- Analyses circuits and produces graphical results.
- Can be optimised and tolerated to provide yield graphs.
- MIDE - a microwave design tool for Industry and Education.

MIDE Design Software is a powerful computer-aided engineering program for the simulation of complex linear microwave and high-frequency analogue circuits. It provides the means to determine transmission, reflections, stability and gain of circuits. These may be composed of lumped or distributed components, different lines, passive or active sub-circuits including elements determined by scattering, admittance or impedance parameters.

MIDE Design Software allows accurate and efficient design of rf and microwave circuits such as amplifiers, oscillators, mixers, power dividers, directional couplers and filters.

MIDE Design Software can be used for linear circuit simulation, with optimisation and yield analysis, in the frequency range from rf through to microwave frequencies.

Any combination of scattering parameters, stability factor or transducer power gain can be used as an optimisation goal.

MIDE Design Software is interactive. An interactive Smith Chart facility dramatically simplifies the use of the chart and its application for matching. An interactive planar lines analyser and synthesiser offers analysis and synthesis of planar lines and gives the ability to demonstrate the influence of particular parameters on various features of planar lines.

Features

- Impedance, dispersion and loss calculations
- Optimisation including eight optimisers
- Yield analysis
- Interactive comparison (tuning) capability
- Interactive Smith chart
- Interactive planar lines analysis and synthesis
- Integrates measured data with simulations
- Interactive help includes all transmission line design equations
- MIDE Linear Frequency - Domain Circuit Simulator

Specification

MIDE Design Software requires :-

Minimum configuration

IBM PC.
32 MB RAM.
800 x 600 graphics display.
15 MB free hard drive space.
MS Windows 98.
CD drive.

Recommended configuration

64 MB memory.
Windows ME or 2000.
1024 x 768 graphics display or better.

Printers supported

All printers compatible with MS Windows.

Ordering Information

MIDE Design Software

MIDE Design Software (Industrial)

56-901

56-902

Feedback reserves the right to change these specifications without notice.
Registered in England number 990620. A subsidiary of Feedback plc.

MIDE Software - 2 0602

Printed in England

BESA



Communication Technologies

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