



Jyoti Electronics

Authorized Representative



Antenna Magus



CST



ANTENNA DESIGN TOOL, 3D electromagnetic field simulator, Circuit simulator, Plasma simulation tools, Particle Physics, Cable Hotness, Thermal Simulation tools, Simulation and optimization of passive micro wave systems and components, including antennas.

Spark3D is a unique simulation tool capable to determine the Breakdown power level in a wide variety of passive RF devices.

By importing the electromagnetic field from CST studio suite, Fes3D or other solvers, Spark3D is able to analyze vacuum breakdown(multipactor) and gas discharge.

Antenna Magus is a software tool for the acceleration of the antenna design and modelling process. Validated antenna models can be exported to CST Studio Suite® from a huge antenna database of over 350 antennas.

Abaqus is used worldwide in every industry powering critical industry processes including power train engineering, electronic drop simulation, composite wing structure performance, sealing design, FEA and Multiphysics, Coupled physics, structural acoustics, thermal-electrical etc.

Space Qualified Microwave Products:-

Connectors - SMA,TNC,N,SSMA,End
Launch,Cable Connector Etc.Adapters
Launch Accessories
Super-MiniBoard-to-Board Installation Tools
Ferrite Based Components Microwave Filters
Antennas Integrated Assemblies Mixers Power
Amplifiers
SAW Oscillators



**Venable Family of High Performance
Frequency Response Analysers**
All Venable FRAs offer multiple frequency
Options, ranging from 10 μ Hz to 5, 20 &
40M.flz models, with input channels protected
To 600Vpk



**GNSS RF Simulator & Recorder -Playback
System & GNSS SDR Receiver
Software GNSS Receiver with Source Code/ API
Waveguide Components
Isolators and Circulators 1.12 GHz-120 GHz
Amplifiers (Non Satcom)
Limiters
Assembly
Rotary Joint
Switches**



DISTRIBUTION AMPLIFIER

**5 & 10 MHz
Standard 1-1000
outputs Back- Up
Oscillator Multi
Frequency Optional
1-1000 MHz**



Vibration Isolation Products

Ultra-thin Low-Height Tabletop
Vibration Isolation System
Ultra Compact Vibration Isolators
Compact large Capacity
Vibration Isolation
Vibration Isolation Workstation



MM/Sub-mm Wave Modules
Quasi-Optical Detectors
THz Custom Products
Schottky Barrier Diodes
Passive Components
E-Field 90 degree rotators (Custom design)
WGD Bends,directional coupler,Power
dividers,Adapter(Custom design)

OTHER TEST EQUIPMENT/SERVICES

Signal
generator GPS
amplifier GPS
Splitters GPS
Antenna Power
Amplifier



CNC Semi-Rigid Coax Benders:-

CX6 All electric Se mi-Rigid Coax CNC Bender
R.05 CNC Semi-Rigid Coax Bending machne
RDS CNC Dual Stack Semi-rigid Coax Bender
CNC Coax Cut-to- Length & Coax Rand Benders



ROHDE & SCHWARZ

Test and Measurement Equipments :-

Signal generator
DC Power Supply
Spectrum
Analyzer Network
Analyzer Digital
Storage
Oscilloscope

Jyoti Electronics

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