

SWITCHES@IN-PHASETECH.COM
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In-PhaseTech.com



Custom RF/Microwave Switch Matrices

Your Way — Right Away!

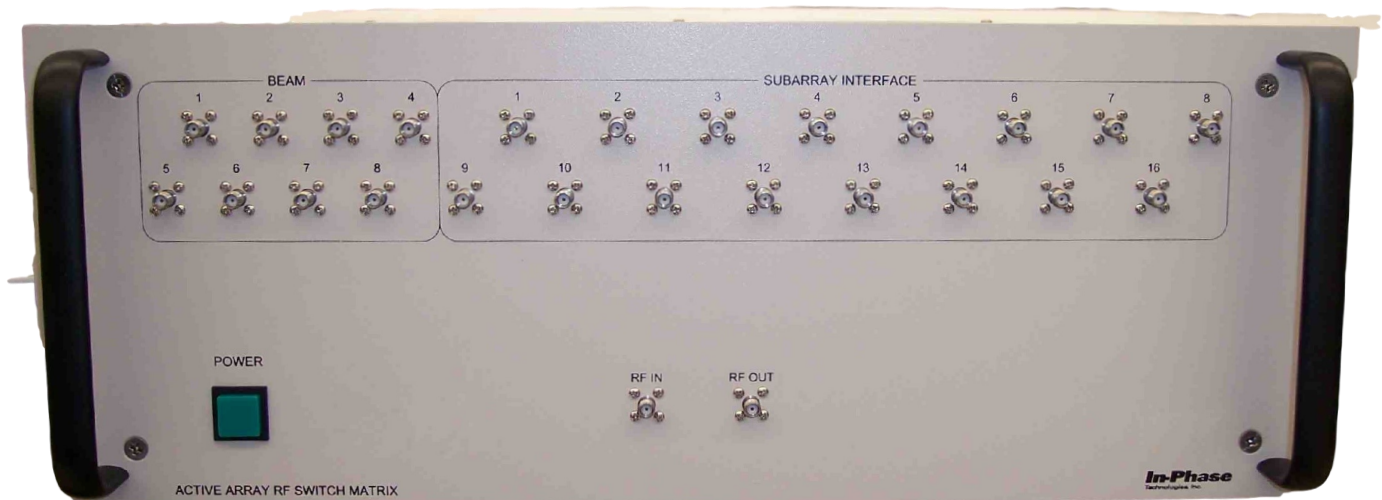
What do you need?

Switch Topologies:

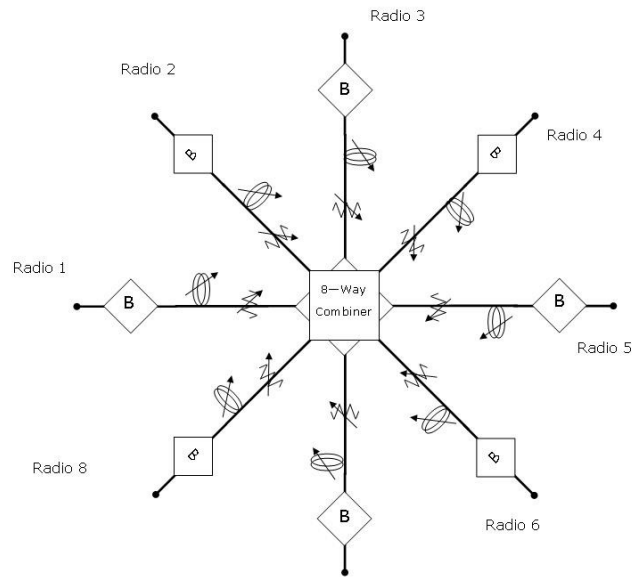
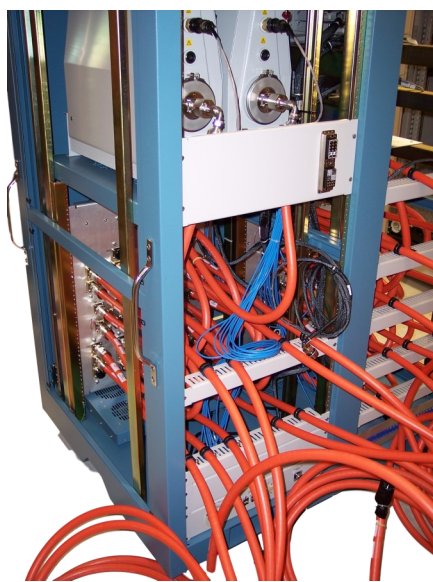
1 to Any
1 to All
Any to Any
Many to Many
Your Topology

Matrix Characteristics:

Frequency Range - DC up to Optical
Custom Signal Conditioning
Low Insertion Loss
High Isolation
Electro-Mechanical and Solid State
Ethernet, USB or IEEE-488 control
Custom Switch Command Mnemonics



Our existing designs cover a wide array of topologies, frequencies up to 70Ghz. and power levels from milliwatts through kilowatts. Many signal conditioning options are also available including phase matching/shifting, amplification, signal dividing/ combining, signal attenuation and more.



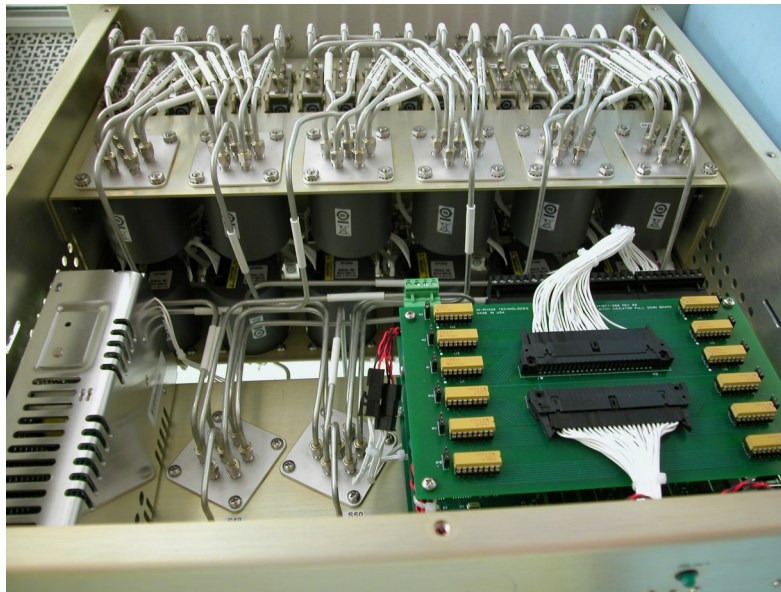
“Multiple radios may be connected to the network which allows for full duplex operation. Each radio may operate using a different or identical Air Interface.”

- GUI Features:**
- Individual Radio Grouping And Isolation Capability
 - Moving Target Scenario Generator
 - Scenario Stacking
 - Individual Radio Distance Control
 - Propagation Loss Replication
 - Gain Control
 - Band Selection

Sample Custom Software GUI



We build our Switch Matrices for long life and high performance. Selecting the right components to exceed your requirements, we design a switch matrix with the best performance in the industry.

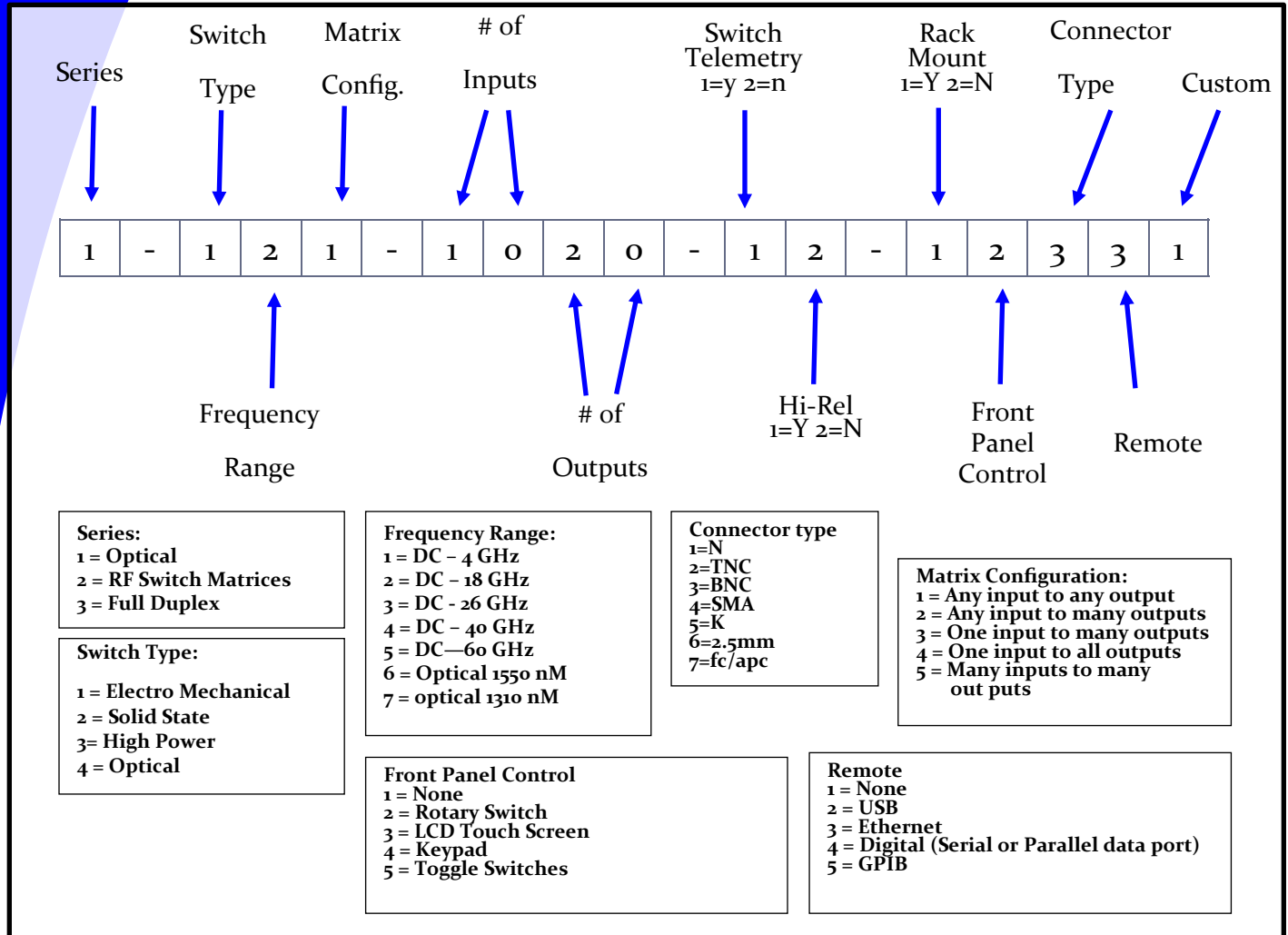


Designed for serviceability

We use industry-leading CAD design techniques that assure minimized cable lengths, maximum isolation. Our designs are modular allowing for rapid assembly and matrix servicing

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Ordering Information



NOTE: All Matrices are available with performance data, including S-Parameters for embedding RF/Microwave switch parameters in the form of a data file.

Our Switch Matrices are also available in custom configurations to solve some of your most difficult problems. Need Phase or amplitude-matched outputs? **NO PROBLEM.** Need Custom Commands? **NO PROBLEM.** We supply *your switch your way!*

Contact us today for a quote
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