Dynetics RF Hub

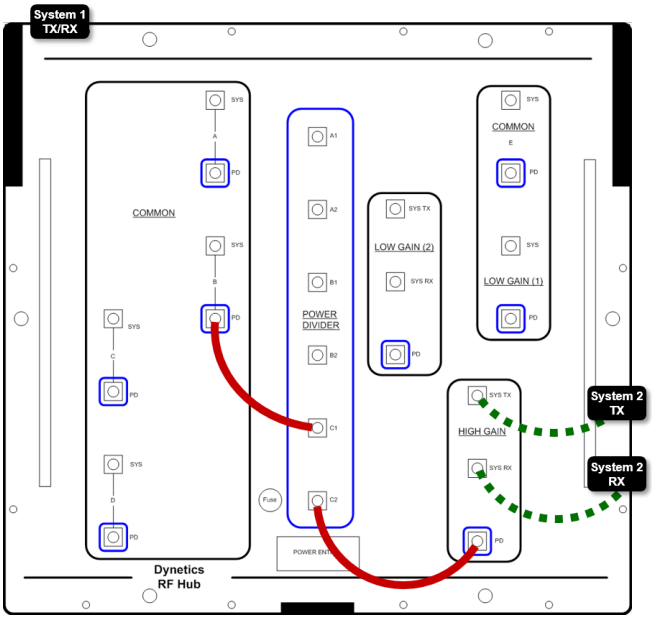


The Dynetics RF Hub is a radio frequency (RF) network, developed to support the interconnection of up to six Ku-band RF systems simultaneously via wired coaxial connections. This provides the capability for concurrent connectivity of multiple complete RF systems in a lab environment without resorting to free-space radiation.

The RF Hub contains RF circuits of attenuators and amplifiers, connected to an RF power divider, packaged in a portable chassis.

Features:

- Supports operation on Ku-band (14-16 GHz)
- Includes 50-foot coaxial cables required for interconnection of RF systems
- Preserves integrity of RF signals, allowing for system-level testing
- Supports on-site testing with portable design
- Provides for connectivity of six simultaneous systems
- Dimensions: 17”x18”x12”
- Includes three different variants of RF interfaces*:



Example RF Hub Configuration

Port Type	Nominal Cable Input Power (dBm)	# of TX/RX Ports	# of TX Ports	# of RX Ports
Common	+31 to +39 dBm	5		
Low-Gain	+4 dBm	1	1	1
High-Gain	-17 dBm		1	1

*Quantity of each interface can be customized as needed

Price per unit: $82,000

About Dynetics

Founded in 1974 in Huntsville, Alabama, Dynetics has grown from a small systems engineering and analysis company into a mid-tier provider of engineering, research, and fieldable products and services to both government and commercial customers. Dynetics is an employee-owned, privately held company with 1,200+ employees in offices throughout the United States.

The company had sales of $264 million in its 2012 fiscal year and continues to expand an already broad range of solutions.

Our mission is to deliver superior quality, high-technology services and products ethically, responsively, and cost-effectively. By carrying out this mission, we have established long-term relationships with our government and corporate partners.

Dynetics
The Power of Solutions

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