iSwitch



At-the-Dish, Standalone Redundancy Controller

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No indoor controller required.

Accessible from the internet through your computer, laptop or smart phone. All monitoring and control can be accessed through the internet or:

- RS232
- RS485
- Ethernet
- One wire / 433 MHz

Add redundancy to any existing system without added coax, control cabling or rack space. Because of its size, the iSwitch can fit into a wider range of antenna systems.

LNB neutral

The same box can be used for:

- C, X, Ku or Ka
- BUC universal, remote redundancy
- BDCs

Multiple sensing options including:

- Current sensing window (automatic switch)
- System voltage monitoring
- BUC Inhibit on Switch
- Loss of Lock alarms

Our iSwitch module is an ODU controller for Redundant LNB or BUC systems.

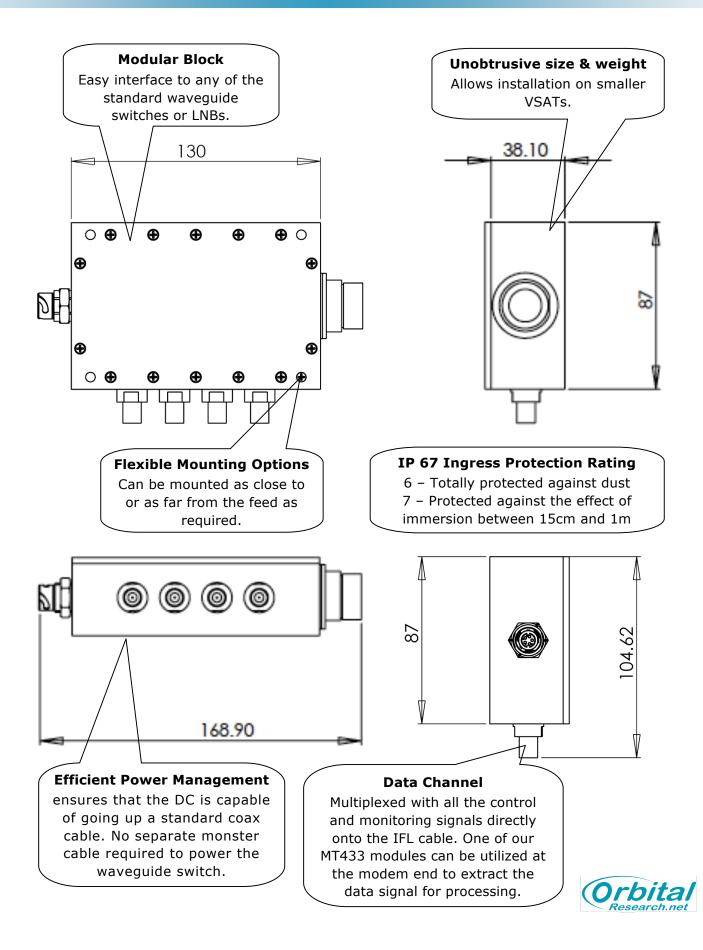
The main advantage of this product is that it removes the need for a rackmount indoor controller (IDU), expensive installation and cabling. All M&C signals can be accessed via the internet on a computer or smart phone with associated app.



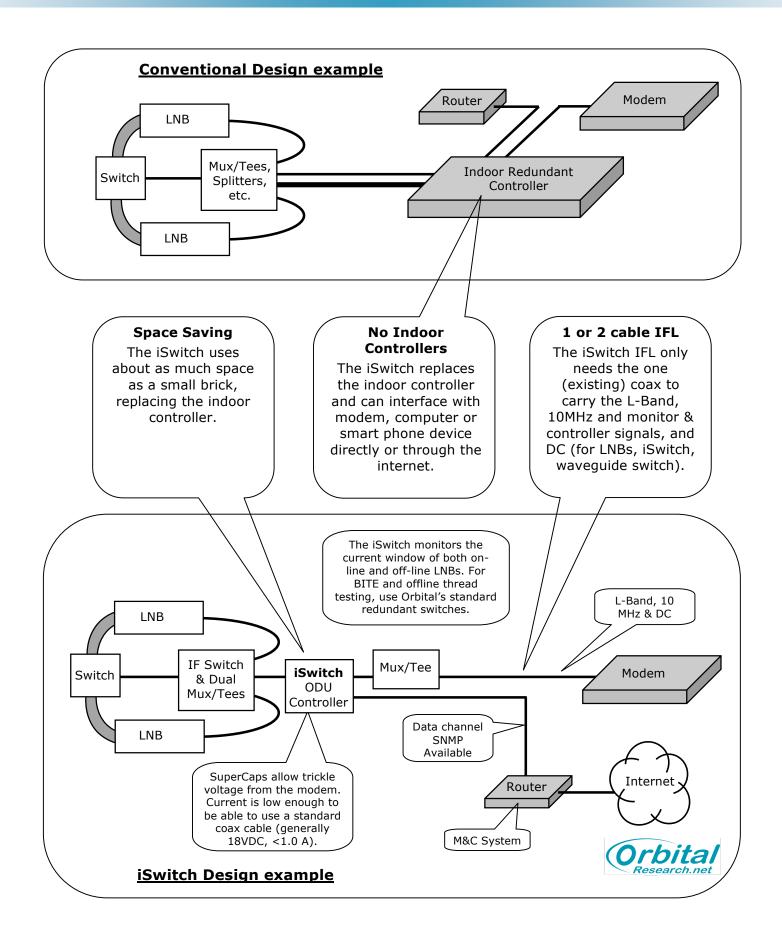
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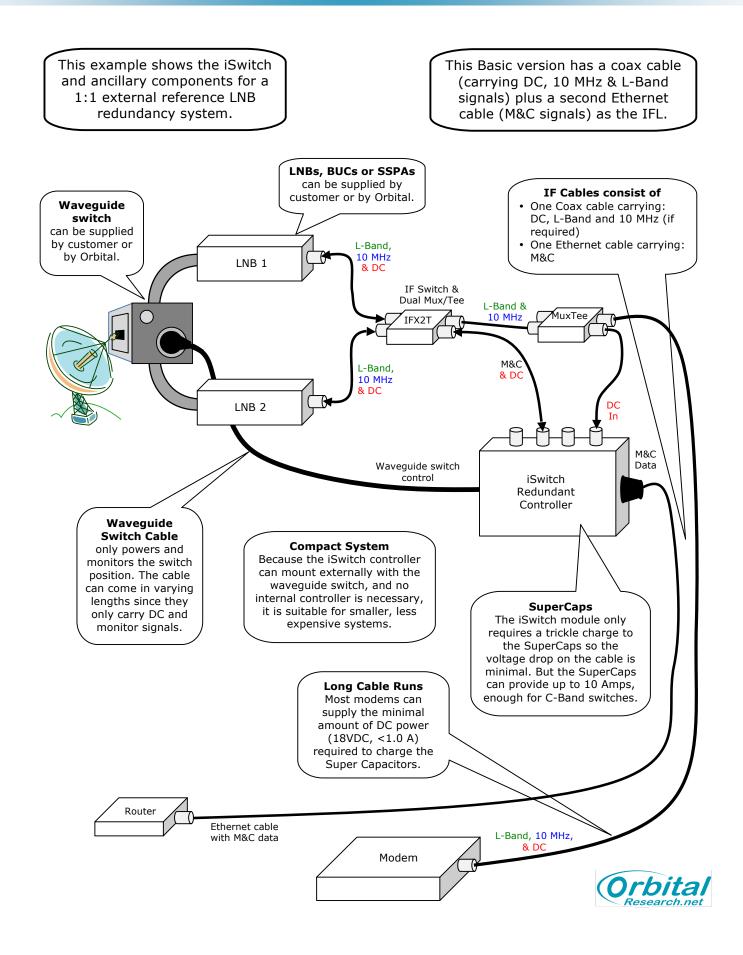
Mechanical and Description



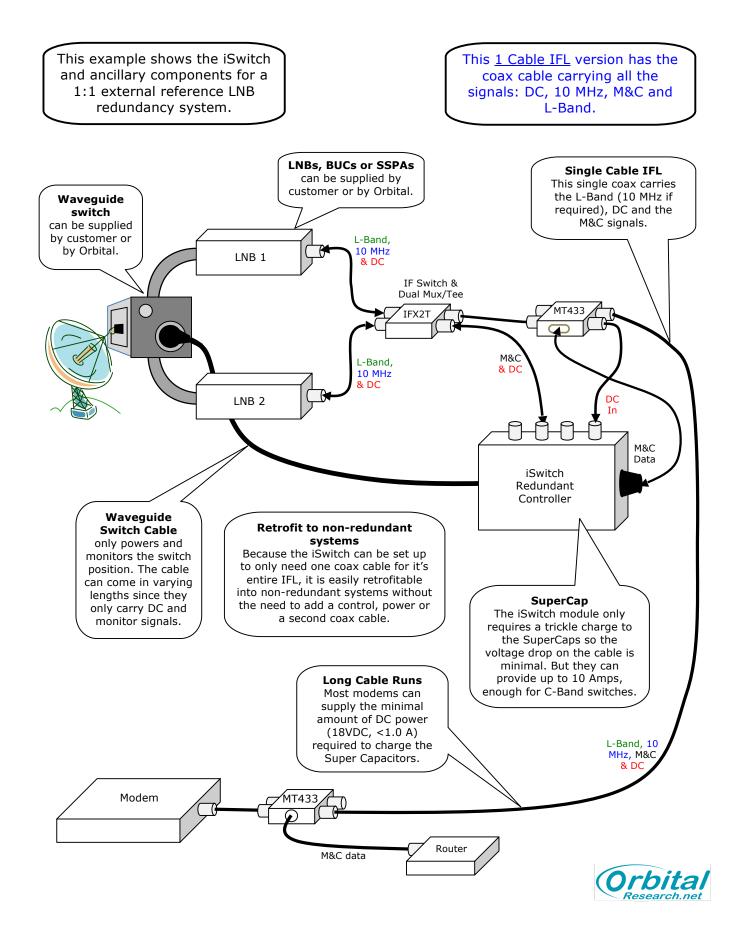
Conventional Redundancy Switch Design vs iSwitch



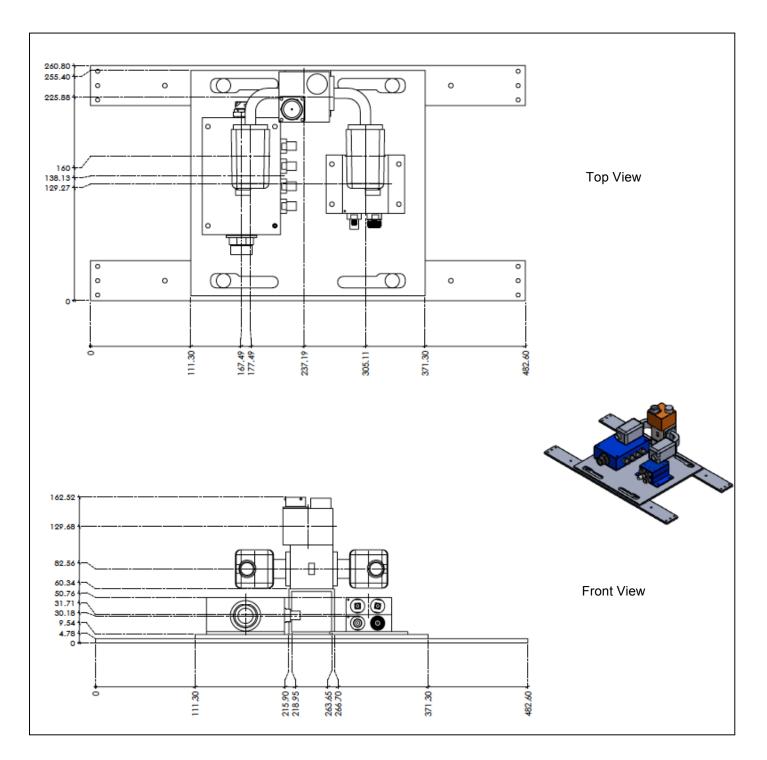
Wired Diagram – Basic Version



Wired Diagram – 1 cable IFL Version



Mechanical Drawings

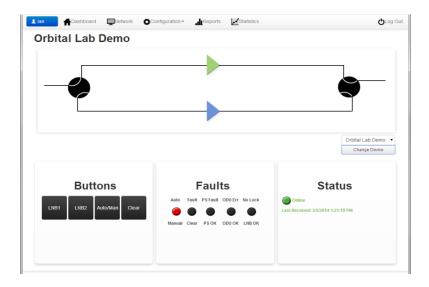


Typical Ku LNB iSwitch setup for the Basic version.



Cloud Control

Cloud based Network Management



Cloud based Remote Monitoring

Full Access and control of controller
Database stores all messages from controller
Graph and chart any reported parameter
Alerts on any reported parameter

Send via e-mail, text message or

voice phone call •Switch paths

•Change fault thresholds •View history

Key Features

•Direct mimic of Front Panel

•Compatible with most Smart Phones •Monitor, control & interrogate system from anywhere

•Database continuously logs data – easy to catch glitches and transient faults

