



Repeater Solutions for Hangars

Iridium Repeater System for Hangars



Advantages

- Testing can be done indoors at any time and in any climate
- Easy to install and maintain
- Quick return on investment
- Improve operational readiness

Benefits

- Savings on aircraft tug and technical personnel
- Savings on heating and cooling costs
- Savings on fuel
- Delivery time is improved because the entire testing process is faster

Product Description

Global Foxcom is offering a unique, Iridium coaxial repeater solution for satellite phone coverage. The repeater enables transmission of Iridium signals from outdoor to indoor. This solution, which provides Iridium coverage to aircraft hangars, saves money because **there is no need to take aircrafts out of the hangars each time avionics systems need to be tested.**

Up to 5,000 ft² of hangar space can be covered by a single system with a ceiling height of 130 ft.

Global Foxcom offers a full SATELLITE repeater solution for hangars, which includes a separate or integrated GPS system as well as Inmarsat. For more information, contact Global Foxcom sales.

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Specifications

Iridium Repeater Specifications		
Downlink		
Frequency range	1616-1626.5MHz	
RF input/RF output VSWR	1:1.6	
DL RF input signal range [total power]	up to -20dBm	
Downlink gain	(±10dB Adjustable)	
DL Noise figure	<5dB	
Uplink		
Frequency range	1616-1626.5MHz	
RF input/RF output VSWR	1:1.6	
UL RF input signal range [total power]	up to -20dBm	
Uplink gain	(±10dB Adjustable)	
UL Noise figure	<5dB	
Physical Specifications	Indoor	Outdoor
RF connectors	Dual SMA Female	Dual N-Type Female
Dimensions	8.4" x 2.5" x 5.6"	14" x 11" x 5.5"
Operating temperature	-20 to +55° C	-30 to +55° C
Electrical Specifications		
Power	Input 100-220 V AC; 50-60 Hz	Internal component output: 24 V DC

* ODU unit is supplied with an IP65 outdoor-rated, AC to DC power supply

Ordering Information

Product Part Number	Description
IRIDKIT01XH	Iridium Repeater kit