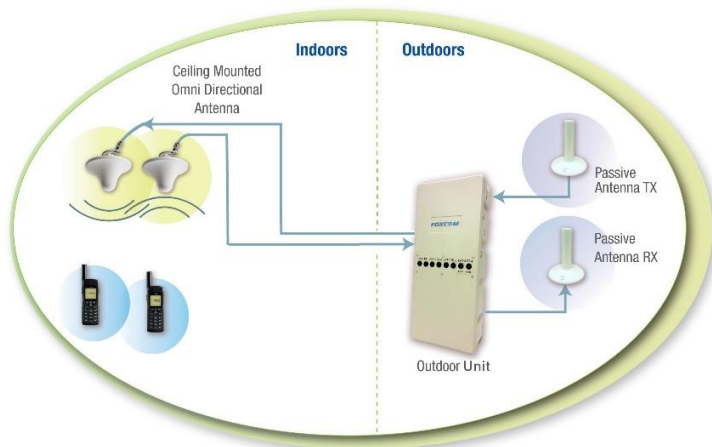




Iridium Coaxial Repeater



Applications

- **Underground Facilities**
- **Military Bunkers**
- **Submarines**
- **Maritime**
- **Oil Rigs**

Multiband Antennas offer an exclusive Iridium Coaxial repeater solution, which enables users to stay connected to the world at all times even if all primary communication networks are down. The Iridium handset does not require sky view to operate, so users can remain inside in control rooms or bunkers during an emergency.

The Iridium Coaxial repeater is the ideal solution for mobile satellite connectivity in any indoor location, such as a control room, an operations room and a military bunker.

The kit consists of Global Foxcom's Sat-Light 4005 series outdoor unit (ODU), dual outdoor Iridium antennas and dual indoor ceiling mount antennas. RF coax cables are also included in the package.

The system supports 40 meters with LMR 400 and 20 meters when using LMR300 of cabling.

In addition to this Iridium repeater solution, Multiband also offers separate GPS and Inmarsat Repeater systems.



Iridium Repeater

Specifications

Iridium Coaxial Repeater Specifications	
Downlink	
Frequency range	1600-1650MHz
ODU input/IDU output VSWR	1:1.6
ODU RF input signal range [total power]	up to -20dBm
Downlink gain	Fixed
Noise figure	<5dB
Uplink	
Frequency range	1600-1650MHz
IDU input/ODU output VSWR	1:1.6
IDU RF input signal range [total power]	up to -20dBm
Uplink gain	Fixed
Noise figure	<5dB
Indoor coax length support	30m LMR300 / 40m LMR400
Physical Specifications	
Repeater unit	
RF connectors	Dual N-Type Female
Dimensions	14" x 6" x 3"
Operating temperature	-30 to +55° C
Outdoor rating	IP65
Electrical Specifications	
Power	100-220VAC 50-60Hz

Ordering Information

Product Part Number	Description
IRIDKIT01X	Iridium Coaxial Repeater Kit

