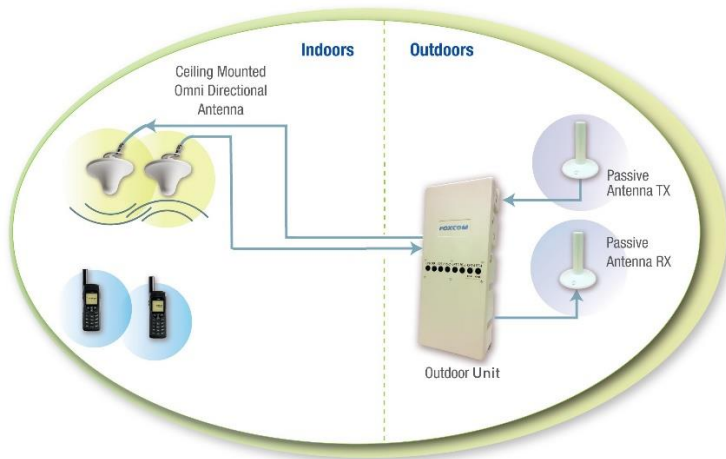




## Iridium Repeater Link

# Iridium/GPS Coaxial Repeater



## Applications

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

## Product Description

Foxcom is offering an exclusive Iridium & GPS 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.

Foxcom's Iridium/GPS 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 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.

## Iridium Repeater Link

### Specifications

Iridium Coaxial Repeater Specifications	
<b>Downlink</b>	
Frequency range	1500-1650MHz
ODU input/IDU output VSWR	1:1.6
ODU RF input signal range [total power]	up to -20dBm
Downlink gain	Fixed
Noise figure	<5dB
<b>Uplink</b>	
Frequency range	1500-1650MHz
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
<b>Physical Specifications</b>	<b>Repeater unit</b>
RF connectors	Dual N-Type Female
Dimensions	14" x 6" x 3"
Operating temperature	-30 to +55° C
Outdoor rating	IP65
<b>Electrical Specifications</b>	
Power	100-220VAC 50-60Hz

### Ordering Information

Product Part Number	Description
IRIDKIT01X	Iridium Coaxial Repeater Kit