

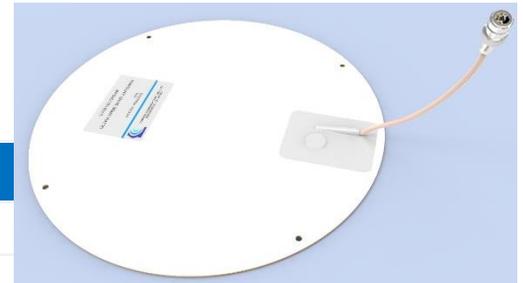
Our In-building antennas are designed to provide excellent coverage solutions in order for external Public Safety Radio Frequencies to propagate within buildings, tunnels or public use environments.

Our latest innovation, the UWB-1301000-NF has been designed for mounting on a ceiling or gyprock wall without the need of a ground plane. This in-building antenna is entirely flat and gets integrated into the ceiling almost invisibly. The antenna's main application includes: usage for Distributed Antenna Systems (DAS) for Public Safety or LTE communication in multiple stories of a building.

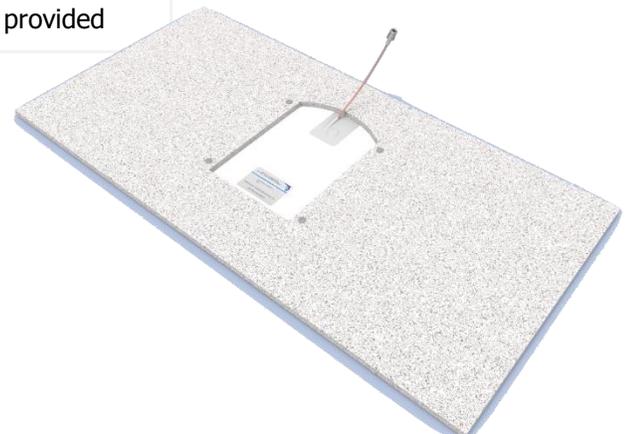
Under request, this antenna can be provided with extra protection to meet the recommended fire safety practices of both the Federal Transit Administration (FTA) and the Federal Rail Administration (FRA) for smoke emission and flammability as tested under ASTM E-662 and ASTM E-162. A layer of Kydex 6200 of 0.3" thickness can be added to meet these criterium. Please consult our Technical Support team for more information.

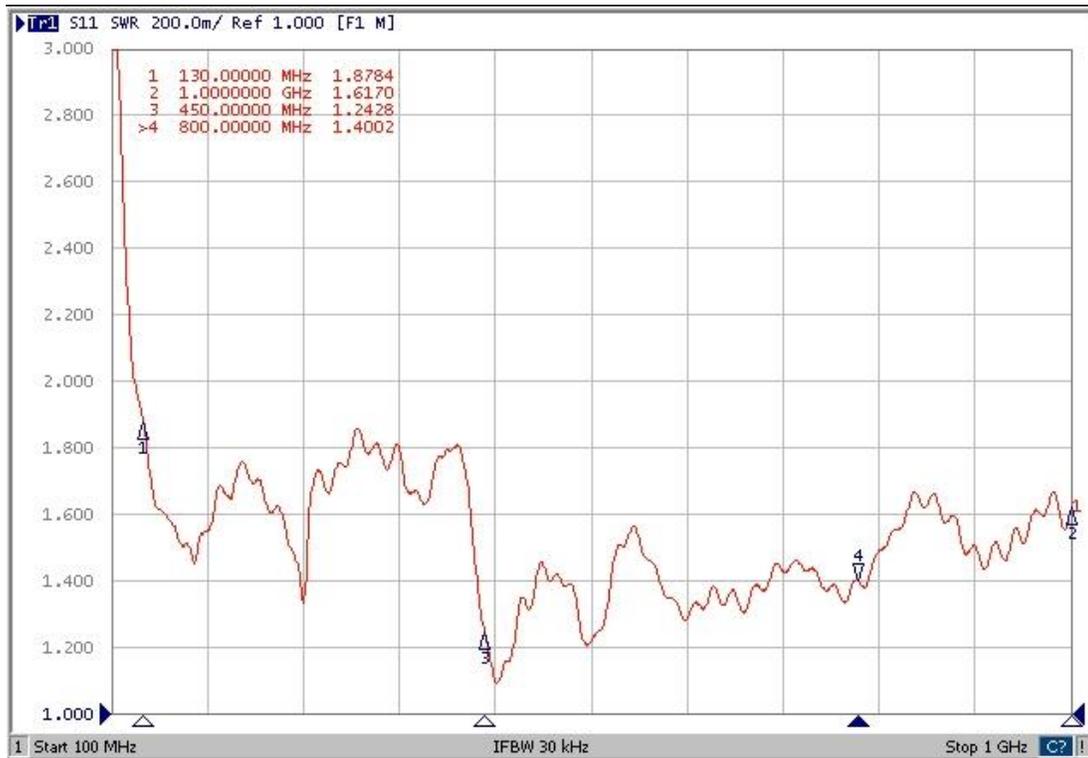
Patent pending.

An ultra-wideband antenna from 380-3000MHz is also available.

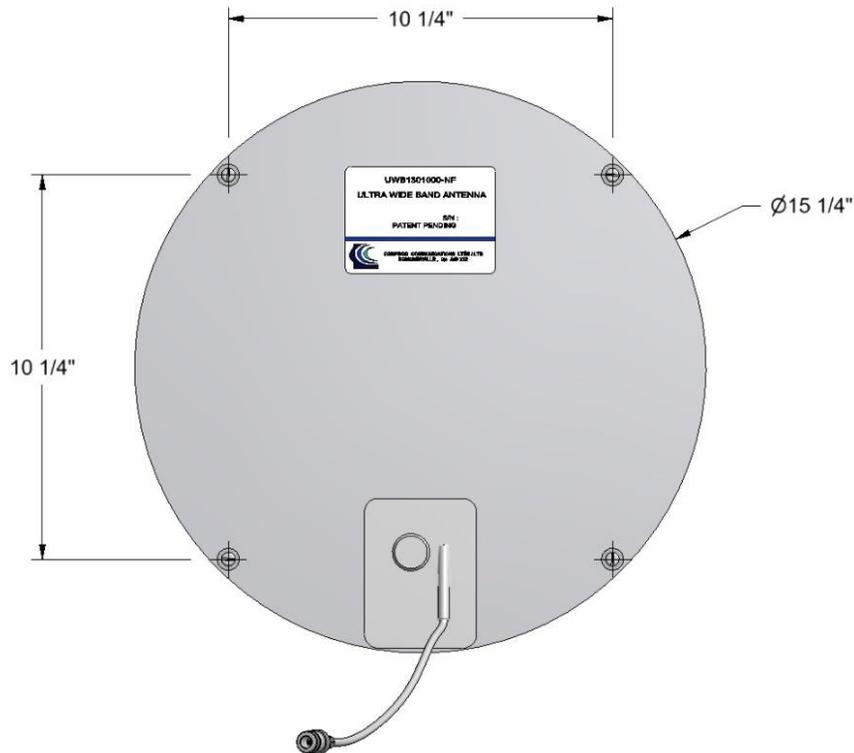


Electrical Specifications	UWB-1301000-NF
Frequency Range, MHz	130-1000
Nominal Gain	Unity
VSWR (regardless of the positioning of cable)	1.8:1 Typical (2.0:1 Maximum)
Bandwidth: 1.8:1 VSWR, MHz	870
Pattern	Omnidirectional
Power Handling, Watts	5
Nominal Impedance, Ohms	50
Color	White
Standard Termination	N Female
Mechanical Specifications	UWB-1301000-NF
Diameter, in (mm)	15.25 (387.35)
Thickness, in (mm)	0.07 (1.8)
Weight, lbs (kg)	N/A
Mounting Hardware	Mounting bolts provided





VSWR Curve (regardless of positioning of cable)



Mounting Instructions