

Overview

Southwest Antennas Part # 1071-025 is a magnetic mount kit for the rapid deployment of omni-directional antennas. The mount features a strong 3.2" diameter magnetic base, which can securely hold on to a vehicle or other magnetic metal object, giving users a wide range of non-permanent antenna mounting options.

Part # 1071-025 features a Type-N(f) RF connector on the top of the product for mounting the antenna, and 12 feet of integrated LMR-200 RF cable with RP-TNC(m) RF connector that is attached to the radio.

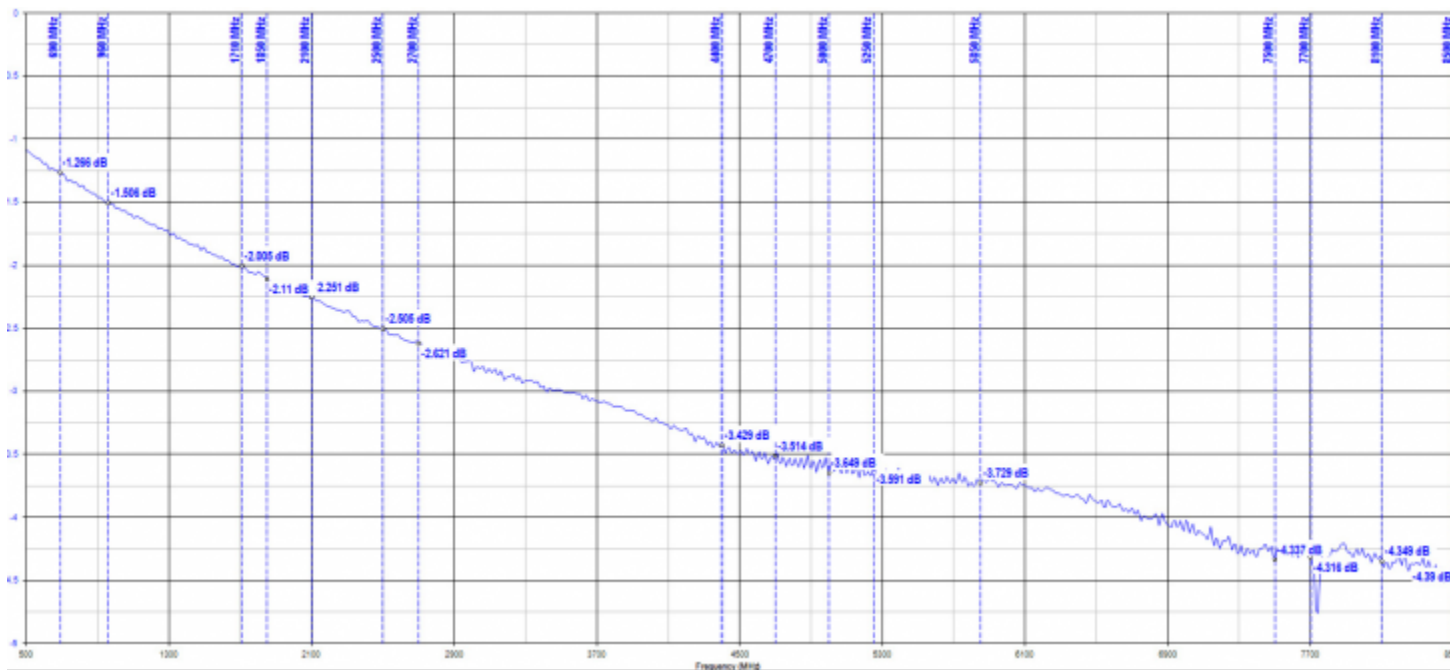
Features:

- Allows for Rapid Antenna Switching Capability
- Heavy Duty Magnetic Mount Base
- Perfect for Vehicle Mount Antenna Applications
- Integrated 12 ft Low Loss RF Cable
- Specifically Designed for Microwave Use
- 0 - 8.4 GHz Frequency Coverage
- Type-N(f) RF Connector for Antenna Mounting
- RP-TNC(m) RF Connector on Cable
- Includes Black Neoprene Rubber Surface Protection Cover (Field Replaceable)
- Other RF Cable Length & Connector Types Available

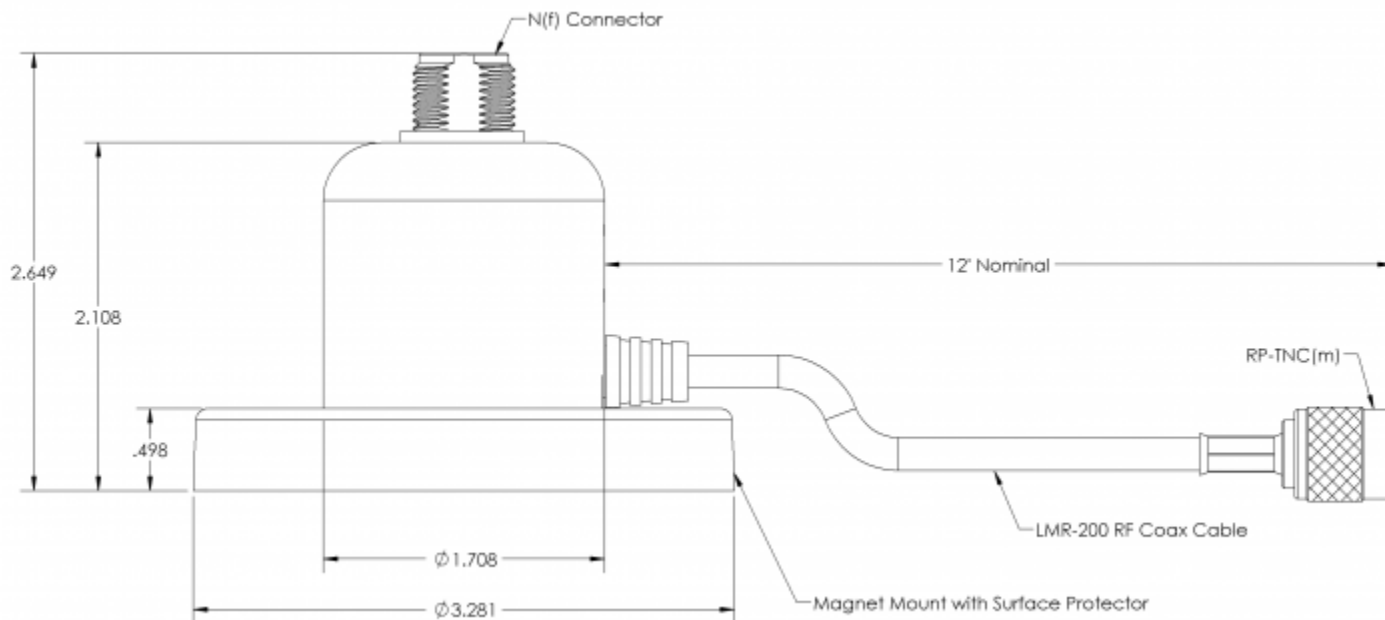


Antenna Mount Kits

Parameter	Value	Units	Tolerance
Mount Min Frequency Range	0 / 0	GHz / MHz	
Mount Max Frequency Range	8.5 / 8,500	GHz / MHz	
Input Return Loss	<13	dB	
Low Band Cellular Insertion Loss	<1.6	dB	
High Band Cellular Insertion Loss	<2.6	dB	
L/S Band Insertion Loss	<2.6	dB	
Low C Band Insertion Loss	<3.7	dB	
X Band Insertion Loss	<4.4	dB	
Mount RF Cable Type	LMR-200		
Mount RF Cable Length	12.00 / 3.66	ft / m	
Surface Protection	Black neoprene rubber surface protector, field replaceable		
Mount Antenna RF Connector	Type-N(f)		
Mount Cable RF Connector	RP-TNC(m)		
Mount Max Wind Speed	124 / 200	mph / kph	
Magnet Maximum Hold Strength	80.0 / 36.3	lbs / kg	
Mount Color	Black		
Product Height	2.65 / 67.28	inches / mm	
Product Diameter	3.28 / 83.34	inches / mm	
Mount Base Diameter	3.28 / 83.34	inches / mm	
Product Weight	16.0 / 453.6	oz / grams	



Insertion Loss Plot



Engineering Drawing

All dimensions are in inches