

Phantom

SIAMnet™



SIAMNET PHANTOM® ANTENNA FOR 800 MHz

HIGHLIGHTS

- The 800 MHz band propagates better than VHF or UHF in confined spaces
- Supports Analog or Digital Two-Way Voice and Mobile Data technologies
- Ensures uninterrupted transmissions in mine tunnels
- Outperforms a 3 dB whip in many applications
- Maximizes antenna performance
- Prevent corrosion due to acid drainage
- Maintain the antenna in a vertical position at all times
- Provides 100% coverage in a tunnel
- Non obstructive in low height tunnels

FEATURES

- 800 MHz LMR band
- Bandwidth: 806-869 MHz
- True Field Diversity design
- Phantom® product line
- Stainless Steel ground plane
- Stainless Steel support wires
- Omni directional
- Low profile
- U.S. Patent Nos. 5,977,931 - 6,292,156 and 7,209,096

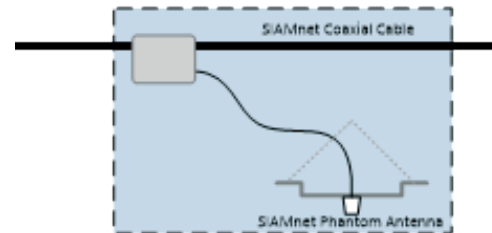
APPLICATIONS

- Wireless Vehicular Communication systems for dispatch, monitoring and production control
 - Underground mines
 - Railway tunnels
-

SPECIFICATIONS

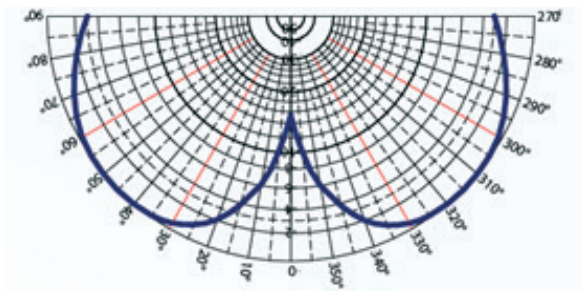
ELECTRIC	
VSWR	<2:1
Nom. gain	3dB-M.E.G.
Maximum Power	100 W
Nominal Impedance	75 Ohm
Polarization	Vertical
Pattern	Omnidirectional
Coaxial cable length & type	1 m, RG59
Termination	F female

MECHANICAL	
Dimensions	12" x 8" x 3.7"
Weight	2.2 lbs/1 kg

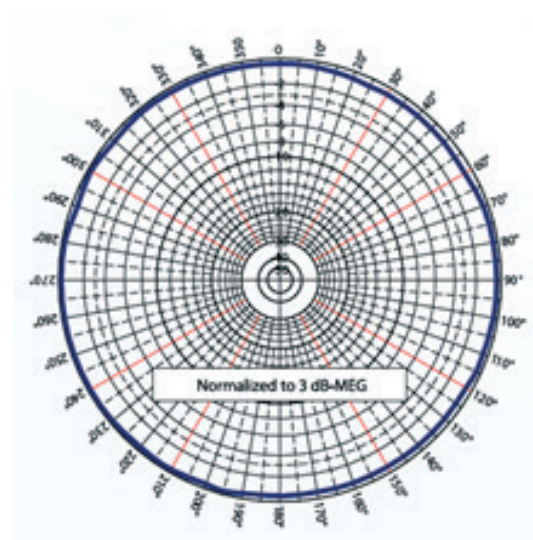


Excluding installation wires

Normalized to 3dB-MEG



As seen from the tunnel ceiling



Azimuth pattern

USA: +1.234.806.0018
Systems-US-Sales@lairdtech.com

Europe: +49.2151.4795.0
Systems-EU-Sales@lairdtech.com

Asia: +86.21.3120.0188
Systems-CN-Sales@lairdtech.com

Latin America: +55.19.3518.7030
Systems-BR-Sales@lairdtech.com

www.lairdcontrols.com/controls

PHANTOM_DS_EN_201811

Any information furnished by Laird Limited, its subsidiary companies and its agents (hereafter, "Laird") is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird disclaims liability for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect at the time of sale. A current copy of the Laird Terms and Conditions will be furnished upon request. This document is © Copyright 2018, Laird, all rights reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks of Laird. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.