



Obelix

Broadband Power-line Modem

Type LOSH



Typical Applications

- Real-time Monitoring of Mobile Mining Equipment
- Continuous Miners
- Longwall Shearers
- Shuttle Cars
- Data Logging

Description

The LOSH Broadband Power-line Modem provides high-speed bi-directional data communications over standard power line conductors; up to 30KV. A typical installation consists of two units – one mounted to the remote machine and one mounted in the power center that supplies high-voltage to the machine. Each unit attaches to a common power line conductor using separate inductive signal coupler devices.

Data can be transferred from each device using a standard RJ-45 Ethernet cable. The LOSH is ideal for collecting and forwarding real-time data logging information from a target machine.

The LOSH is available in two models. The LOSH02 is designed for installation on the target machine. The LOSH01 is a network interface as is designed for use in the power center that supplies the machine.

Features

- Broadband Power-line Modem
 - Up to 100Mbps data communication
 - Powerful data error correction
 - Voice, video and real time applications
- Interfaces
 - 10/100BaseT Fast Ethernet
- Operates -10°C to +60°C
- Heavy Duty Enclosure
 - Electroless Nickel Plated
 - Rugged Construction

Ordering Information

Ordering Code	Description	Datasheet
LOSH01	Broadband Power-line Modem (Network I/F)	DS-LOSH-A
LOSH02	Broadband Power-line Modem (Machine I/F)	DS-LOSH-A