LINDSAY BROADBAND

TOUGH TECHNOLOGY.

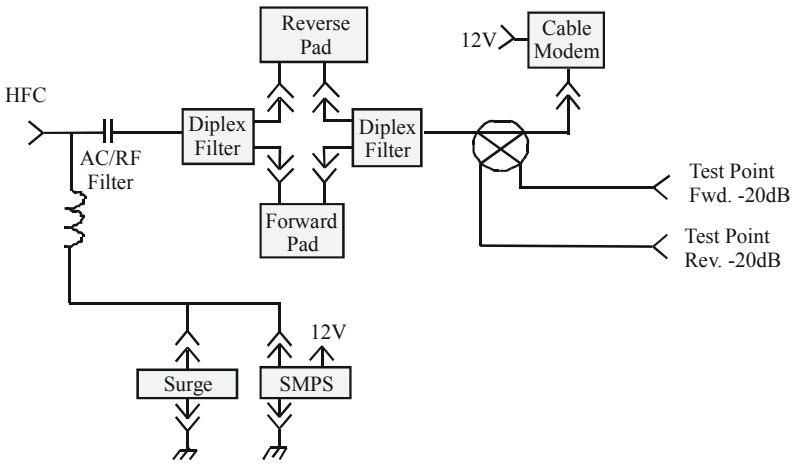
DOCSISLoop

HARDENED CABLE MODEM

Outdoor hardened DOCSIS cable modem allows you to use your preferred operating system to report the health of your HFC Network.

The Lindsay DOCSISLoop is a hardened cable modem designed to maintain reliability in the harsh HFC environment and minimize the cost of status monitoring. The outdoor DOCSISLoop uses a standards based DOCSIS cable modem that is wholly under the control of the MSO through the CMTS. It can be used in conjunction with SNMP monitoring systems to evaluate cable plant line conditions. Important line quality indications such as Signal Strength, Signal to Noise Ratio, Bit error rate and much more depending on your operating system. This device is quick and easy to install connected to a power passing multi-tap, directional coupler or as a network termination. The integrated HFC interface includes 6Kv surge with stand, upstream and downstream modem sweet spot level controls and -20dB test points.

BLOCK DIAGRAM



FEATURES

- Die-cast aluminum housing (clamshell design)
- Mounting configurations: wall, pole, vault, mast, or strand
- Dual gaskets provide 15-PSI weather-proof seal
- Temperature cycled, from -40°C to +60°C (-40°F to +140°F)
- Designed to isolate EMI and protect against surges
- Choice of input (DOCSIS 2.0 or 3.0)
- Cable plant-powered (40-90 voltage AC)
- Electromagnetic interference (EMI): -100 dB
- 6Kv Surge protection
- HFC access at any directional coupler or power-passing tap
- Coax power interface protects RF performance of HFC plant
- Monitor and configure via SNMP agent, SSH or Web browser

SPECIFICATIONS DOCSISLoop

Cable Modem	
Certifications	CableLabs DOCSIS 1. X2.0 /3.0
Band Plans	DOCSIS (Annex B), Euro-DOCSIS (Annex B)
Network Configuration and Management	TFTP, SNMP V2, (V3 for DOCSIS 3.0)
RF Input Sensitivity	+15 to -15 dBmV
Input Impedence	75 Ohm
Privacy	BPI+
Downstream Modulation	64 or 256 QAM
Upstream Modulation	QPSK and 8, 16, 32, 64, 128 QAM
HFC Platform	
Inserion Loss	5 dB ± 1
Return Loss	16 dB (max)
Airtight	15 p.s.i.
Temperature Range	-40° to + 60° C to (-40°F to 140°F)
EMI Isolation	100 dB (5 to 1000 MHz)
Surge Protection	Gas Discharge Tube
Powering	40 - 90 Vac (Psuedo Sine)
Power Consumption	10 W (plus device load)
Physical	
Dimensions	30.5 X 22.8 X 15.2 cm (12 X 9 X 6 inches)
Weight	3.kg (8lbs)
***Note specifications subject to change without notice*	

FOR MORE INFORMATION ON OUR WIRELESS,OPTICAL AND RF PRODUCTS
CALL 1-800-465-7046 OR
U.S. Sales Toll free: 877-672-4340
www.lindsaybroadbandinc.com