

DOCSISLoop

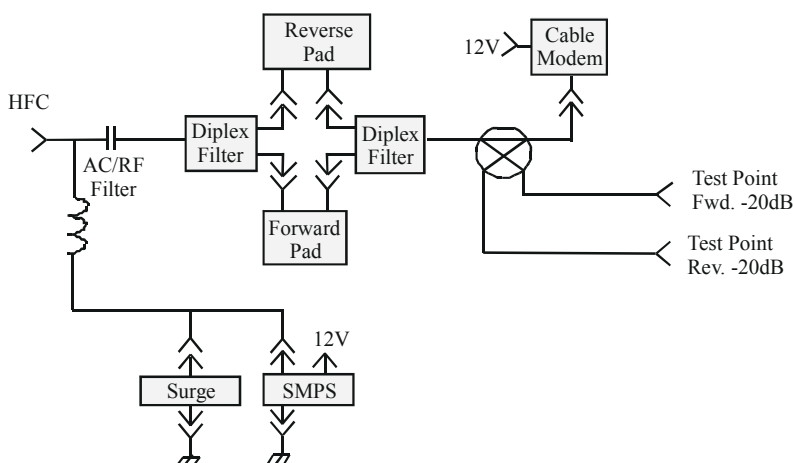
HARDENED CABLE MODEM

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) |
| <i>**Note specifications subject to change without notice</i> | |

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