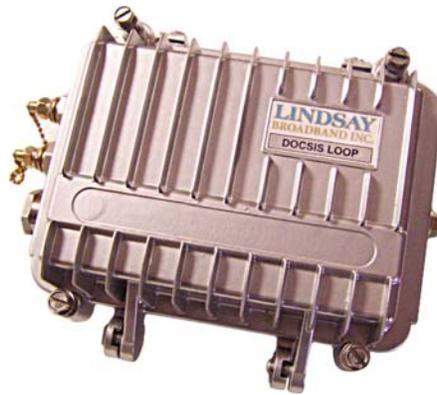


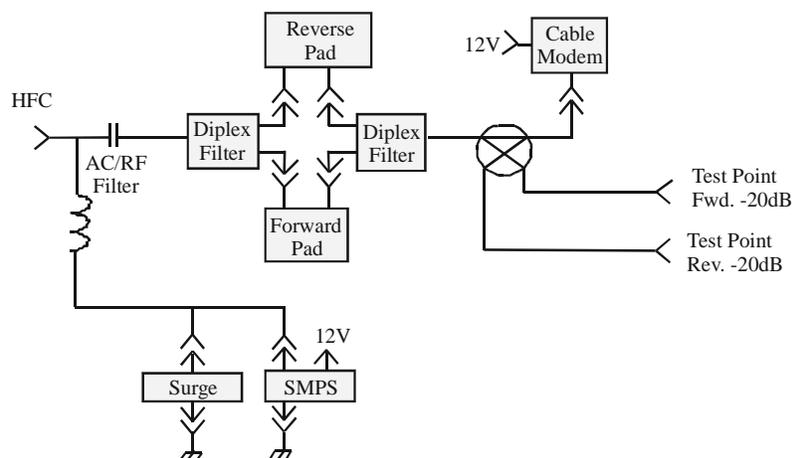
DOCSISLoop



The Lindsay Broadband's DOCSISLoop is a RCA DCM425 Cable modem in a surge hardened weatherproof box, complete with power supply, test-points, and separate pad sockets for forward and reverse paths. It is used for end of line status monitoring. All of the following features are include:

- Important line quality indications such as Received Signal Strength, Signal to Noise Ratio, and Bit Error Rate
- Easily accessed via Web Browser or SMTP
- Quick and easy connection at any power-passing tap, or as a network termination
- An HFC Interface that you would expect from a world-renowned CATV equipment provider
 - A rugged die cast aluminum housing of clamshell design is used
 - Dual gaskets provide for EMI isolation and a weather-tight seal
 - Forward and reverse test-points
 - Separate Forward and reverse padding
 - Surge protection

Block Diagram



Specifications

DOCSISLoop

Cable Modem	
Model	RCA DCM425
Standards	DOCSIS 2.0
Downstream	
Modulation	64/256 QAM
Centre Frequency Range	91-857 MHz
Channel Bandwidth	6 MHz
RF Input Sensitivity	+15 to -15 dBmV
Input Impedance	75 Ohm
Downstream	
Frequency Range	5-42 MHz
Upstream Modulation	8/16/32//64/128 QSPK or QAM
Channel Bandwidth	.2/.4/.8/1.6/3.2/6.4 MHz
Upstream Data Rates	5.12/10.24/30 Mbps
RF Output Level	+8 to +58 dBmV
Output Impedance	75 Ohm
Software	
Software Downloadable	Yes
SNMP Management	V2, V3
Security	BPI+
HTTP Based Management	Yes
HFC	
Test Points	-20dB relative to cable modem RF port
Pad Type	JXP, Separate Forward and Reverse
Temperature Range	-40 to +60 Deg C
EMI Isolation	100 dB (5 to 1000 MHz)
Surge Protection	Gas Discharge Tube
Powering	60 / 90 Vac (Pseudo Sine)
Power Consumption	10 W
Physical	
Dimensions	9 x 7.2 x 3.4 inches
Weight	1.6 KG (3.5 lbs)
Airtight	15 p.s.i