Slingshot CMTS

Cable Access. Three Ways.

Bring fiber-fed IP services to your coaxial cable network with the Diablo Data Slingshot CMTS family. Choose a compact Mini or a four-port Node to match your installation, powering and channel requirements. The Mini supports up to 96 registered modems; the Nodes offer 512- or 1,024-modem licenses.

Slingshot Mini

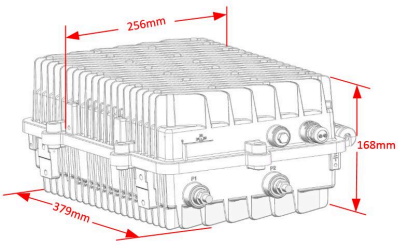


Compact Cable Access

A compact CMTS for indoor corridor or wall-mounted installations.

- Up to 32 downstream and 8 ATDMA upstream channels
- 10GbE SFP+ uplink
- One RF output; separate CATV RF input
- IP20 enclosure; less than 40 W

Slingshot Node 3.0

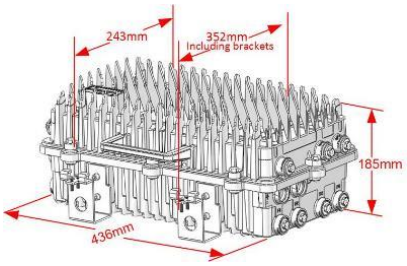


Four-Port Field Node

An IP67 field node with four RF outputs and OFDM downstream capability.

- Up to 32 SC-QAM downstream plus 1 OFDM downstream channel
- Up to 8 ATDMA upstream channels
- GE/10GE or supported PON uplink
- 75 W maximum power consumption

Slingshot Node 3.1



Expanded DOCSIS 3.1 Capacity

An IP67 four-port node with expanded OFDM downstream and OFDMA upstream support.

- Up to 32 SC-QAM and 4 OFDM downstream channels
- Up to 8 ATDMA and 2 OFDMA upstream channels
- Pluggable Ethernet or PON uplink
- 115 W maximum power consumption

Choose The Fit For Your Network

Mini for compact indoor installations. Node 3.0 for four-port field access with OFDM downstream. Node 3.1 for expanded DOCSIS 3.1 downstream and upstream capacity.

Channel counts are maximum supported capacities. Illustrations are not to a common scale.

Compare The Family

Specification	Mini	Node 3.0	Node 3.1
Registered Modem Capacity	Up to 96	512 or 1,024 (licensed)	512 or 1,024 (licensed)
Enclosure	IP20	IP67	IP67
RF Outputs	1	4	4
SC-QAM Downstream	Up to 32	Up to 32	Up to 32
ATDMA Upstream	Up to 8	Up to 8	Up to 8
Power Consumption	Less than 40 W	75 W maximum	115 W maximum
Power Options	AC adapter	Local AC or coaxial line power	Local AC or coaxial line power
Weight	Less than 3 kg	Less than 10 kg	Less than 20 kg
Enclosure Size (mm)	227 × 225 × 61	379 × 256 × 168	436 × 243 × 185
Mounting	Corridor or wall	Strand/bar or wall	Strand/bar, back-bar, angle-plate or wall

Shared Capabilities

Provisioning And IP

IPv4/IPv6 and DHCP/DHCPv6 relay/snooping support integration with your provisioning environment.

Traffic And Service Control

Service classes, QoS scheduling, channel bonding and load balancing help manage subscriber traffic.

Management And Diagnostics

CLI, web GUI, SNMP, Syslog and upstream spectrum/PNM tools support operation and troubleshooting.

Data, Voice And Video

DOCSIS service flows, PacketCable/PCMM and EQAM support multiservice cable access.

Network Segmentation

VLAN and L2VPN capabilities support separation of services on the access network.

Security And Access

BPI+, source-address verification and TACACS+/RADIUS authentication support access control.

Select uplink optics, RF split, power supply and mounting accessories for your installation. Node channel capacities include the OFDM/OFDMA options shown on the front. Size excludes Node 3.1 brackets; illustrations are not to a common scale. Features depend on firmware and supplied configuration. Specifications are subject to change without notice.

Talk With Diablo Data

Discuss your cable plant, channel requirements and installation with our team to choose the right Slingshot configuration.

www.diablodata.com