## Section 2

### POE INJECTORS / VDSL PRODUCTS

#### Power Over Ethernet (PoE) Injector

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCPWR-INJ6</td>
<td>Gigabit Ethernet 30W PoE+ Injector, IEEE 802.3, 10BASE-T, IEEE 802.3u, 100BASE-TX IEEE 802.3at, 1000BASE-T compliant</td>
</tr>
</tbody>
</table>

**FEATURES**
- Supports gigabit ethernet
- Ideal when AC power is not available
- Power output of up to 30 Watts
- IEEE 802.3at compliant
- Backward compatible with IEEE 802.3af (PoE)

#### Power Over Ethernet (PoE+) Injector

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCPWR-INJ5</td>
<td>Fast Ethernet PoE Injector, IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX compliant</td>
</tr>
</tbody>
</table>

**FEATURES**
- Ideal when AC power is not available
- Power output of up to 15.4 Watts
- IEEE 802.3af compliant

#### VDSL2 Managed IP DSLAM

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NV-802S</td>
<td>8 Port VDSL2 DSLAM with 2 x Gigabit RJ45/SFP Combo Ports</td>
</tr>
</tbody>
</table>

The NV-802S is a VDSL2 IP DSLAM that aggregates 8 ports into Giga Ethernet uplinks for high-speed data/Internet services

**FEATURES**
- Speeds up to 100 Mbps symmetrical at distances up to 300M. Distances over 1,280M at asymmetrical speeds over 30Mbps downstream and 3Mbps upstream
- VDSL connections require 1 twisted-pair network grade cable or phone line
- Auto-sensing/auto-configuring link operation for max. speed
- Accommodates POTS/ISDN service over the same phone line
- Supports Web Based (HTTP) Management
- Bandwidth management (rate control) from 128k to 100Mbps
- IEEE 802.1q tagging VLAN with Q-in-Q
- Full-featured Router functionality
- Surge protection and splitter on board.

#### VDSL2 Point to Point Modem

<table>
<thead>
<tr>
<th>MODEL CODE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>NV-600A</td>
<td>VDSL2 CPE Modem</td>
</tr>
<tr>
<td>NV-600L</td>
<td>VDSL2 CO Modem</td>
</tr>
</tbody>
</table>

**FEATURES**
- Speeds up to 100 Mbps symmetrical (200Mbps aggregate bandwidth) at distances up to 300M
- Distances over 1,280M at asymmetrical speeds over 30Mbps downstream and 3Mbps upstream
- Requires 1 twisted-pair network grade cable or phone line
- Ideal for backbone networking, remote access points and delivering high-speed video, data and voice services
- Auto-sensing/auto-configuring link operation for max. speed
- Accommodates POTS/ISDN service over the same phone line
- 4x auto-sensing 10/100 Mbps uplink ports with auto MDIX
- Supports Web Based (HTTP) management
- Built-in POTS/ISDN splitter
- Full-featured router functionality