**SPECIFICATIONS**

**Line Rate**
160 Kbps data rate (80 k baud signaling ± 5 ppm)

**Line Codes**
2B1Q

**Framing Options**
Framing per ANSI T1.601-1992

**Clock Source**
Allows BRI/U port operating in **Network Term** mode to be the master timing source

**Tests**
Circuit self-test loopback (internal toward network or user equipment)

**BRI Switch Support**
Provides support for the following switches:
- AT&T 5ESS (NT or LT)
- Nortel DMS-100 (NT or LT)
- National ISDN-1 (NT or LT)

**Line Performance Data**
Reported via SNMP in RFC1406 format

**Connectors**
RJ-49C

**Distance**
18,000 feet

**Compliance**
- FCC Part 15, Class A
- UL 60950, 3rd Edition
- FCC Part 68
- Industry Canada CS-03
- CISPR 22 Class A

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**INSTALLATION INSTRUCTIONS**

1. Remove the cover plate from the appropriate option slot in the ATLAS 550 Base Unit.

2. Slide the BRI DBU Network Module into the option slot until the module is firmly positioned against the front of the chassis.

3. Secure the thumbscrews at both edges of the module. Tighten with a screwdriver.

4. Connect the cables to the associated device(s).

5. Complete installation of remaining modules and Base Unit as specified in the Installation chapter of the ATLAS 550 System Manual.

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**NETWORK CONNECTION PINOUT**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,3,6,7,8</td>
<td>Unused</td>
<td>N/A</td>
</tr>
<tr>
<td>4</td>
<td>Ring</td>
<td>Ring to and from the Network Interface</td>
</tr>
<tr>
<td>5</td>
<td>Tip</td>
<td>Tip to and from the Network Interface</td>
</tr>
</tbody>
</table>
**Menu Tree**

- **Modules**
  - Part Number
  - Serial Number

- **DBU Menus**
  - Info
    - Assembly Revision
    - Firmware Revision
  - Status
    - Bonding Status
    - NumBChannels
    - Data Rate
    - Bonded EP
  - TXINIT Timer
  - TXFA Timer
  - TXADD01 Timer
  - TXDEQ Timer
  - TANULL Timer
  - TCID Timer
  - Call Stagger

- **Module Alarms**
  - BRI Alarm
  - BRI
  - Physical Alarm
  - BRI Channel Status
  - BRI Performance Current
  - BRI Configuration
    - Port Name
  - Test Activity
    - BRI Test
    - Loopback B1
    - Loopback B2
    - Local Loopback
    - Loopback B1 & B2
    - Loopback ALL
  - None

- **Test Activity**
  - BRI Test
  - Loopback B1
  - Loopback B2
  - Local Loopback
  - Loopback B1 & B2
  - Loopback ALL

- **Status**
  - BRI Alarm
  - BRI TCID Timer
  - Physical Alarm
  - Call Stagger