

NAME	ORDER NUMBER
<b>NA-4000V-02 ILP, Top Level</b>	<b>SA-4001-0002</b>
<b>EU-4007V, 24 Port 600Ω ETSI/POTS Splitter Card</b>	<b>SA-4007-0016</b>
<b>4048 Shelf, Top Level</b>	<b>SA-4048-7100</b>
<b>4192 Shelf Assembly, Top Level</b>	<b>SA-4192-7400</b>
<b>EU-4100V-01, Top Level</b>	<b>SA-4101-0001</b>
<b>4144 Shelf, Top Level</b>	<b>SA-4144-7300</b>
<b>4144 System 5 Splitter Chassis</b>	<b>SA-4144-7334</b>

The 4000 Series POTS Splitter is used to connect high-speed data lines and voice circuits to local loops using standard Telco 50 pin connectors.

The Comtest 4000 Series ADSL2+ POTS Splitter Shelves are available in 1U, 3U and 4U offering 48, 144, and 192 ports respectively.

The NA4000 is a 900:600 Ohm POTS splitter card, compliant with ANSI T1.413 and G.992.1, G.992.3 and G.992.5. Each card has standard level 2 protection to protect against power crosses and lightning surges, greatly reducing the need for manual intervention, and an expensive truck roll.

With the emergence of ADSL2+ and VDSL enhanced services like video, the POTS Splitter is a vital part of the network. The innovative design of the 4000 series addresses specific issues that affect video such as crosstalk and ring-trip problems.

The 4000 Series Splitters used in conjunction with Comtest's NID-01 CPE splitter, virtually eliminates modem re-syncing errors, ensuring error free video reception. With crosstalk better than 70dB, distortion introduced from adjacent channels is virtually eliminated.

The 4000 series shelves provide make before break life-line POTS. Whenever a card is removed from the shelf, POTS service will be uninterrupted, ensuring critical services like 911 remains available to the end user.

Connectivity options are available to allow the 4000 shelves to meet your exact fit and form requirements. Ease of installation is ensured, regardless of your cable dressing requirements.



## BENEFITS

- Improved crosstalk for video applications
- ADSL2+ and VDSL compatible
- 19 or 23 inch rack mountable
- Electrically and temperature hardened to handle remote locations
- Connects 48, 144, or 192 high speed lines
- Make-before-break life line POTS
- DC blocking and signature circuit optional
- Self-resetting lightning/surge suppression

## SPECIFICATIONS

<b>MOUNTING</b>	Rack adapters for 483mm (19") or 584mm (23") shelves
<b>OPERATING TEMPERATURE</b>	-40 to +65 °C -40 to +149 °F
<b>INTERFACE</b>	Three (3) standard 50-pin Amphenol-type Telco connectors per card for DSLAM, PSTN, and TELCO Local Loop connections.
<b>CAPACITY</b>	24 Subscriber Loops per card
<b>PROTECTION</b>	Secondary protection via current and over voltage devices
<b>COMPLIANCE</b>	CE, ITU K.20, CSA/UL 60950   North American cards: T1.413, T1.424, ITU-T G992.1, G992.3, G992.5, G.993.1, G.993.2   ETSI TS 101 952 (Annex A and B)
<b>OPTIONS</b>	DC Blocking and Signature Circuit