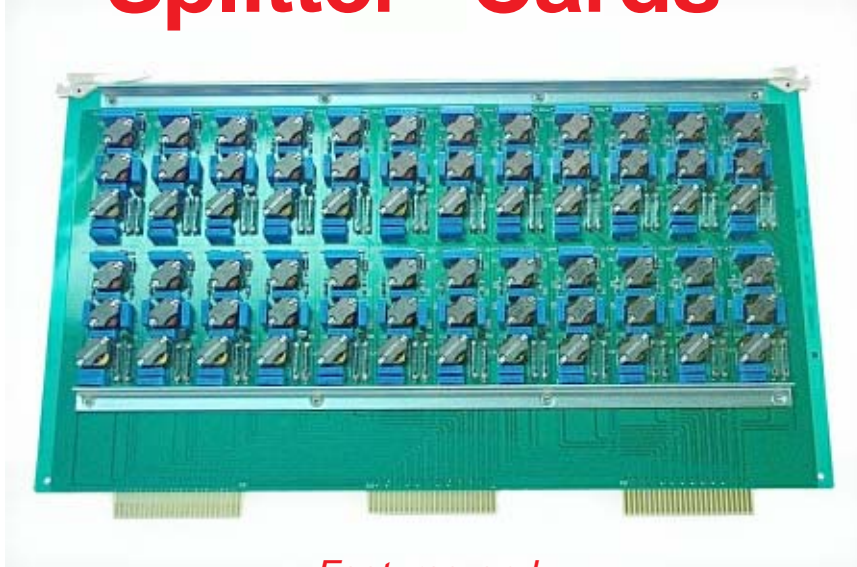


# PS-4100 Series Central Office ADSL2+ POTS Splitter Cards



## Features and Benefits

- ✓ **Compliant Standards**  
ANSI T1.413-1998, Annex E; ITU-T G.992.1 (G.DMT), G.992.2 (G.LITE), Annex E.2 Type 2 (North America), G.992.3 (ADSL2), G.992.5 (ADSL2+), FCC part 68, and NEBS Level 3.
- ✓ **ADSL and POTS Coexist**  
The PS-4100 series provide standard POTS service in concert with ADSL technology by blocking high-frequency ADSL energy from interfering with POTS equipment.
- ✓ **No AC or DC Power Required**  
The central office ADSL2+ POTS Splitter card is a passive device which will maintain Life-Line POTS integrity.
- ✓ **Hardened**  
The PS-4100 Series of ADSL POTS splitter cards, meet the hardened requirements for remote deployment.
- ✓ **Wide Spectrum of Operation**  
The new PS-4100 series is ADSL2 + compliant ( 2.2MHz) making it an excellent ADSL splitter product for delivering video, and future versions of DSL.
- ✓ **Crosstalk Performance**  
The PS-4100 splitter cards along with the PS-4100 splitter shelves deliver excellent port-to-port crosstalk isolation.
- ✓ **Highest density**  
The PS-4100 Series at 24 lines/ card sets the standard for one of the highest line density in a 3RU EIA tall shelf (144 lines) that mounts in either 19" or 23" racks, AND in the 1RU EIA tall shelf (1.75"H) configuration with an unmatched 48 lines per shelf.
- ✓ **Secondary Surge Protection**  
The PS-4100 Series of ADSL2+ POTS Splitter cards are equipped with GR-1089-CORE secondary surge protection.

## Technical Specification

Item	Specification
Weight	1.36 lbs ( .616 Kg )
Life-Line POTS	The PS-4100 series cards are compatible with the PS-4101 & PS-4103 Splitter shelves which support Life-Line POTS.
24 Port POTS Splitter Card	Available with or without DC blocking for connections to ADSL transmission unit.
Rack Mounting	The PS-4100 series cards are compatible with the PS-4101 & PS-4103 splitter shelves . All shelves come equipped with rack adapters for 19" or 23" rack mounting providing greater installation flexibility.
Physical Interface	Each compact shelf containing the PS-4100 cards comes equipped with three (3) standard 50-pin Amphenol type Telco connectors assigned to each POTS Splitter card for DSL, PSTN and LOOP connections.
Impedance	900 to 600 ohms
Environmental Operating Storage	-40°C to +70°C -40°C to +70°C
Power	The Wilcom POTS splitter design employs a passive filter design and requires <i>no</i> power to the shelf.
Regulatory & Safety Approvals	* ANSI T1.413-1998, Annex E, ITU-T G.992.1 (GDMT), G.992.2 (GLITE), Annex E.2 Type 2 (North America), G.992.3 (ADSL2), and G.992.5 (ADSL2+) * NEBS Level 3 * Industry Canada (CS-03) * UL 60950/1950 & cUL * FCC Part 68 * GR-1089 CORE

## Ordering Information

<u>Product</u>	<u>Part Number</u>
Model PS-4100-01 (24 Port POTS Splitter Card; DC Blocking, Signature, & GR-1089 Surge Protection)	30410060
Model PS-4100-02 (24 Port POTS Splitter Card; DC Blocking, No Signature & GR-1089 Surge Protection)	30410010
Model PS-4100-03 (24 Port POTS Splitter Card; No DC Blocking, Signature, & GR-1089 Surge Protection)	30410040
Model PS-4100-04 (24 Port POTS Splitter Card; No DC Blocking, No Signature, & GR-1089 Surge Protection)	30410030

## Warranty

Wilcom's PS-4100 Series of Central Office POTS Splitter Cards are warranted against failure for a period of three years under normal usage.



P.O. Box 508, Laconia, New Hampshire 03247  
 Tel: 603-524-2622 / 800-222-1898 • Fax: 603-524-3735  
 Web Site: [www.wilcominc.com](http://www.wilcominc.com)