

# Model PS-4103 Central Office ADSL2+ POTS Splitter Shelf



## Features and Benefits

- ✓ **Compliance Standards**  
AANSI 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.
- ✓ **Wide Spectrum of Operation**  
The new PS-4103 shelf is *ADSL2+* ( 2.2MHz) and *ADSL2 ++/quad* (3.75MHz) compliant making it an excellent ADSL splitter product for delivering video, and future versions of DSL.
- ✓ **ADSL and POTS Coexist**  
The PS-4103 provides standard POTS service in concert with ADSL technology by blocking high-frequency ADSL energy from interfering with POTS equipment.
- ✓ **Crosstalk Performance**  
The PS-4100 splitter cards along with the PS-4100 splitter shelves deliver excellent port-to-port crosstalk isolation.
- ✓ **No AC or DC Power Required**  
The central office POTS Splitter is a passive device which will maintain Life-Line POTS integrity.
- ✓ **Modular Approach**  
The PS-4103 uses a modular approach for *installation flexibility* consisting of two parts;  
  1. a 24 port ADSL POTS Splitter card,
  2. a 3RU shelf that can be equipped with up to six (6) POTS Splitter cards.
- ✓ **Utilizes Existing Copper Plant**  
ADSL works over existing non-loaded copper voice grade wiring.
- ✓ **Life-Line POTS**  
The PS-4103 POTS Splitter Shelf employs a Life-Line POTS feature that will not interrupt POTS service even if POTS Splitter cards are removed.
- ✓ **3 EIA Rack Units Tall**  
The PS-4103 is 3 EIA rack units tall ( 5.25") making it one of the highest densities available on the market today.

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## Technical Specification

Item	Specification
<b>Dimensions (H x W x D )</b> ( 3 EIA rack units tall - 5.25" )	5.25" x 16" x 10.44" (13.32cm x 40.64cm x 26.52cm)
<b>Weight Card Shelf</b>	1.36 lbs ( .617 Kg ) 10.38 lbs ( 4.70 Kg )
<b>Life-Line POTS</b>	The PS-4103 shelf supports Life-Line POTS even when filter cards are removed.
<b>Capacity</b>	<i>One</i> compact shelf supports up to 144 POTS filters per shelf, 24 POTS filters per card ( 6 cards per shelf)
<b>24 Port POTS Splitter Card</b>	Can be ordered with or without DC blocking capacitors and with or without Signature for connections to ADSL transmission unit.
<b>Rack Mounting</b>	The compact PS-4103 shelf comes equipped with rack adapters for 19" or 23" rack mounting providing greater installation flexibility.
<b>Physical Interface</b>	Three (3) Standard 50-pin Amphenol type Telco connectors assigned to each POTS Splitter card for DSL, PSTN, and LOOP connections.
<b>Impedance</b>	900 to 600 ohms
<b>Environmental Operating Storage</b>	-40°C to +70°C -40°C to +70°C
<b>Power</b>	The Wilcom POTS splitter design employs a passive filter design and requires <i>no</i> power to the shelf.
<b>Regulatory &amp; Safety Approvals</b>	* ANSI T1.413-1998, Annex E, ITU-T G992.1 (GDMT), G992.2 (GLITE), Annex E.2 Type 2 (North America), G992.3 (ADSL2), and G992.5 (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-4103 ( Life-Line Version ) ( 3U shelf holds six (6) POTS Splitter Cards)	30410310
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

The Wilcom PS-4103 Central Office POTS Splitter is warranted against failure for a period of three years under normal usage.

**ISO-9001:2000  
Registered**

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