



Z H O N E

5930 POTS/ISDN Lifeline Splitters

5930-B1-048, 5930-B1-144, 5930-B1-192, 5930-B1-000, 5930-B1-002, 5930

- ✓ *Standard 50 pin connector*
- ✓ *Available in 1U, 3U and 4U shelves*
- ✓ *19" or 23" rack mountable*
- ✓ *Models support 900 or 600 Ohms*
- ✓ *Compliant with T1.413, G.992.1, G.992.3 and G.992.5*
- ✓ *DC Blocking and Signature Circuit Optional*
- ✓ *Lifeline POTS support*

5930 POTS/ISDN Splitters with Lifeline support and 48, 144 or 192 ports

The 5930 Series POTS/ISDN Splitter is used to connect high-speed data lines and voice circuits to local loops using standard Telco 50 pin connectors. The 5930 Shelves are available in 1U, 3U and 4U offering 48, 144, and 192 ports respectively.

In order to meet most of the applications worldwide, the 5930 POTS/ISDN Splitter cards can have 900 or 600 Ohm impedance, 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+ enhanced services like video, the POTS Splitter is a vital part of the network. The innovative design of the 5930 series addresses specific issues that affect video such as crosstalk and ring-trip problems. On top of that, the 5930 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 5930 shelves to meet your exact fit and form requirements. Ease of installation is ensured, regardless of your cable dressing requirements. The 5930 is environmentally hardened to handle such locations as remote cabinets, as well as Central Offices.

Technical Specifications

Dimensions

- 5930-B1-048: 45 mm (H) x 425 mm (W) x 270 mm (D)
- 5930-B1-144: 133 mm (H) x 425 mm (W) x 270 mm (D)
- 5930-B1-192: 178 mm (H) x 425 mm (W) x 270 mm (D)

Weight

- 5930-B1-048: 3.6 Kg
- 5930-B1-144: 7.7 Kg
- 5930-B1-192: 9.1 Kg

Interfaces

- Three (3) Standard 50-pin Amphenol type Telco connectors per card for DSLAM, PSTN, and TELCO Local Loop connections

Standards Support

- ANSI T1.413, ITU-T G.992.1, G.992.3, and G.992.5

Regulatory Compliance

- UL/CSA
- FCC Part 68
- CS 03
- NEBS
- GR 1089
- CE

Operating Requirements

- Temperature: -40 to +70 Celsius
- Humidity: 5% to 95%, non-condensing

Ordering Information

5930-B1-048	2 Slot POTS/ISDN Lifeline Splitter Shelf for 48 ports (1U)
5930-B1-144	6 Slot POTS/ISDN Lifeline Splitter Shelf for 144 ports (3U)
5930-B1-192	8 Slot POTS/ISDN Lifeline Splitter Shelf for 192 ports (4U)
5930-B1-000	24 port 900 Ohm Card No DC Blocking
5930-B1-002	24 port 900 Ohm Card No DC Blocking No Signature Circuitry
5930-B1-004	24 port 600 Ohm Card No DC Blocking No Signature Circuitry
5930-B1-006	24 port 150 Ohm for ADSL/ISDN



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