

# ADSL2+ Master POTS Splitter FOR NID BOX MOUNTING

# PS-11-I2

## Description

The Wilcom PS-11-I2 POTS Splitter is a passive low-pass filter designed to provide POTS service in concert with ADSL technology. The device blocks high frequency (20kHz - >1MHz) energy from interfering with POTS equipment. The PS-11-I2 employs a low-pass filter for standard voice-grade lines.

The Wilcom PS-11-I2 POTS Splitter is unique because of its convenient mounting location inside the Network Interface Device (NID). The PS-11-I2 is similar in size to a standard station protector and mounts on the Telco side inside the Network Interface Device. The terminal strip allows for easy installation so the installer can simply connect the existing premise wiring to the PHONE terminals on the splitter, and have POTS service up and running within minutes without expensive, and time-consuming rewiring. ATU-R terminals connect directly to the ADSL equipment with existing cable. (Data-grade cabling is recommended for new installations.)



## Features and Benefits

- ✓ **Compatible with ADSL coding schemes**  
The PS-11-I2 POTS Splitter is compatible with all ADSL coding schemes
- ✓ **Meets ANSI T1.413 -1998 & ITU-T G.992.1/2**  
The PS-11-I2 Master POTS Splitter is compliant with the requirements of both ANSI T1.413-1998 Annex E; ITU-T G.992.1/G.992.2 Annex E.2 Type 2 (North America) & G.992.5 (ADSL2+)
- ✓ **Passive Low Pass Filter**  
Passive filter design for continuous phone service in the event of an AC power failure
- ✓ **Unique Footprint**  
The PS-11-I2 is similar in size to a standard station protector allowing direct installation into a *wide* variety of manufactured Network Interface Devices.
- ✓ **Convenient Mounting**  
The PS-11-I2 POTS Splitter is unique because of its convenient mounting location in the Telco side of the Network Interface Device.
- ✓ **Unlimited ADSL Bandwidth**  
Full bandwidth allocation as compared to a "micro-filter".

**Wilcom**

## Specifications

### Filter Parameters

Corner Frequency PS-11-I2	> 7kHz
Insertion Loss (1kHz)	< 0.25dB
30kHz Attenuation	> 65 dB
Attenuation Distortion (0.2kHz-3.4kHz)	< 0.25dB
Delay Distortion	< 50uSec
Return Loss (600 ohms + 2.16uF, typical)	
ERL	+27dB
SRL-LO	+18dB
SRL-HI	+20dB
DC Resistance	< 20 ohms
Longitudinal Balance	> 70dB
Idle Circuit Noise	0dBmC

### Signature

T1.413- 1998 Compliant CPE Signature

### Power

Maximum Loop Current 100mA

### Environment

Temperature @(5 to 95% humidity)  
  Operating -40°C to +70°C  
  Storage -40°C to +70°C

### Physical

Dimensions (HWD) 1.43" x 2.25" x .80"  
( 36.32 x 57.15 x 20.32 mm )

### Mounting

Mounts directly in Telco side of existing Network Interface Device

### Safety

UL - Listed to US and Canadian safety standards

CLEI Code:

VAAIET0FAA

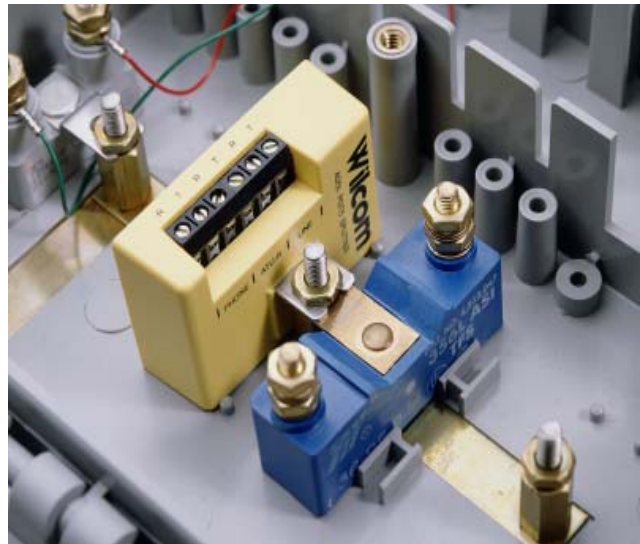
## Warranty

The Wilcom PS-11-I2 POTS Splitter is warranted against failure for a period of three years if normal usage is observed.

## Ordering Information

### Basic

Product	Part Number
PS-11-I2	30011012



**ISO-9001:2000  
Registered**

**Wilcom**

Specifications and prices are subject to change without notice.

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