

ADSL master POTS splitter

NID box install

PS-11

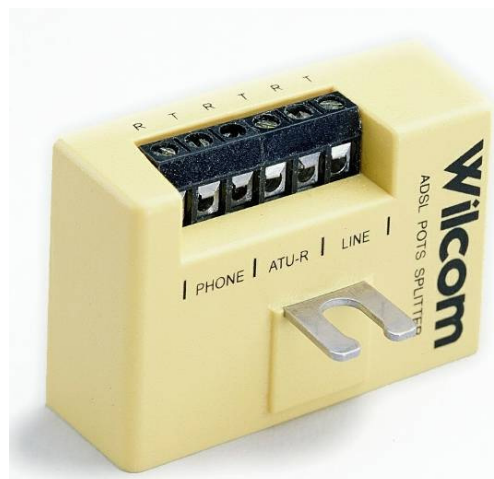
Description

The Wilcom PS-11 is a master POTS splitter featuring a screw-type terminal block for weather-proof connections and simple field installation.

The PS-11 passive low-pass filter allows POTS service in concert with ADSL technology by blocking high frequency (20kHz-2.2MHz) energy from interfering with voice equipment. The PS-11 is backwards compatible with all xDSL systems.

This splitter sets the standard for ADSL and ADSL2+ performance allowing the maximum bitrates possible to the customer.

The Wilcom PS-11 POTS Splitter is unique because of its convenient mounting location inside the Network Interface Device (NID). The PS-11 is similar in size to a standard station protector and mounts on the Telco side inside the NID. The terminal block connectors allow 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. A "home-run" connection with data-grade cable is recommended direct to the xDSL modem from the ATU-R/MODEM connection on the splitter.



Specifications:

Maximum xDSL Bandwidth	2.2 MHz - ADSL2+
Maximum Bitrate	24 Mbps
Corner Frequency	7 kHz
Insertion Loss (1kHz)	< 0.25 dB
30kHz Attenuation	> 65 dB
Attenuation Distortion (0.2kHz-3.4kHz)	< 0.25 dB
Delay Distortion	< 50 μ S
Return Loss (600+2.16 μ F, typical)	ERL +27 dB SRL-LO +18 dB SRL-HI +20 dB
DC Resistance	< 20 Ohms
Longitudinal Balance	> 70 dB
Maximum Loop Current	100 mA
Acceptable Wire Gauge	19-26 AWG
Connectors	terminal block, 5mm screws
Dimensions (HWD)	1.4 x 2.3 x 0.75" (36 x 57 x 19mm)
Temperature (operating & storage)	-40°C to +85°C
Warranty	3 year

Compliance:

ITU-T G.992.5 Asymmetric Digital Subscriber Line transceivers (ADSL2+)
ITU-T G.992.3 Asymmetric Digital Subscriber Line transceivers (ADSL2)
ITU-T G.992.1 Asymmetric Digital Subscriber Line transceivers (ADSL)
UL/CUL 1863 Listed
ACTA (FCC) Registered
IC CS-03 Registered

Ordering Information:

Description	Part Number
PS-11 ADSL Master POTS Splitter	30011012

Wilcom