

# DSL Universal POTS Splitter

OPTO-TECH™

# DSL600-PS

## Features

- Improves voiceband quality by removing DSL frequencies from telephone line
- Filters radio frequency interference (AM, FM, CB and HAM) on network line
- Increases DSL data rates and Home Phonenumber Networking (HPN) rates by impeding all analog customer premise equipment (CPE) interference
- Eliminates inside wiring (IW) bridge taps
- Includes a high-speed DSL modem pair, one filtered analog pair and a network line pair
- Installs within any network interface device (NID) via ScotchLok™ connectors (included)
- Tip & Ring balanced to 600 ohm line impedance
- Passive device - no external power or ground required
- Compact size, excellent durability, weatherproofed, 24AWG wire
- ACTA and CS - 03 Registered



## Description

The DSL Universal POTS Splitter is an advanced external filtering solution specifically designed to filter high frequency DSL noise from analog customer premise equipment by separating the DSL signal from the analog voice signal. The DSL Universal POTS Splitter includes a filtered analog pair for connection to the inside wiring and a DSL pair for connection to the DSL modem, thus allowing analog voice or fax transmission while simultaneously using the DSL line. The DSL Universal POTS Splitter incorporates innovative passive filtering technology, thereby enhancing voice reception and analog data transmission. The DSL Universal POTS Splitter installs on the customer side or network side of the NID via terminal connections or splicing.

Specifications	
DC Current Capacity	100 mA
DC Resistance (open)	> 100 MOhms
DC Resistance (shorted)	< 20 Ohms
Capacitance	< 53 nF
Off Hook Insertion Loss @ 1004Hz	< 0.25 dB
Longitudinal Balance	>70 dB
Stopband Attenuation (138kHz - 2.2MHz)	>75 dB
RFI Attenuation	To 80 dB
Dimensions (L x W x H inches)	0.7x1.25x0.94

Wiring		
	TIP	RING
Network	Green	Red
DSL	White / Blue	Blue / White
Cust. Prem.	Black	Yellow

Wilcom Part Number	Description
30032322-01	DSL600-PS Universal POTS Splitter. Wires in any NID.

### Notes:

- 1 Actual throughput rates may vary depending on DSL configurations and subscriber loop conditions.
- 2 Protects HPN rates as described in T1E1.4/2001-221.
- 3 Inside wiring bridge taps can be avoided by installing a direct run from the Splitter DSL pair to the DSL modem using CAT5 cable.

# Wilcom

Specifications and prices are subject to change without notice.

04/08 813-543-003

ISO - 9001:2000 Registered

P.O. Box 508, Laconia, NH 03247  
Tel: 603/524-2622 or 800/222-1898, Fax: 603/524-3735  
www.wilcominc.com