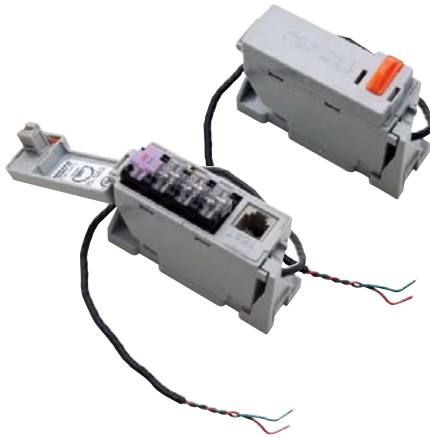


Tool-less VDSL2 NID Splitter

Tool-less Single Line VDSL2 NID Splitter



Product Description

The Suttle VDSL2 Splitter is designed to provide POTS service with DSL technology. It's ideally suited to handle robust ring-trip protection for non-zero cross ringers to eliminate video distortion due to pixelization. The splitter is unique with its single slot solution to fit inside various NIDS along with its tool less technology. The toggle design allows three pair tool less voice distribution and one pair tool less data distribution. A key benefit to the toggles is the clear material used to allow the installer an open view of their connection. The splitter supports connections up to 30MHz (30a profile).

Features

- *Tool less capability with easy viewing for clean connections*
- *Audible click toggles*
- *Ring Trip Mitigation*
- *Convenient Mounting for various NID styles**
- *Increased Bandwidth up to 30MHz*

Specifications

DC Loop Current: ----- 0 – 100mA
DC Loop Voltage: ----- 0 to -60V
DC Resistance: ----- $\leq 25 \Omega$
Insertion Loss: ----- $< 0.5\text{dB}$
Attenuation Distortion: ----- $< 1.0\text{dB}$
Delay Distortion: ----- $< 200\mu\text{s}$
ADSL Band Attenuation: ----- $> 65\text{dB @ } 30\text{kHz} - 300\text{kHz}$
----- $> 55\text{dB @ } 300\text{kHz} - 30\text{MHz}$
Return Loss: ----- 6dB ERL, 5dB SRL-Low, 3dB SRL-High
Longitudinal Balance: ----- $> 57\text{dB}$

Testing

TR-127 (Ring Trip Mitigation) ----- Approved
GR-3167 ----- Compliant
cULus ----- Approved
FCC ----- Approved

Part #	Description
649NV-48	1-line VDSL2 NID splitter, RJ14 Test Jack (pair 1 = Network) (pair 2 = Premise), 3 x single-pair tool-less toggles for voice, 1 x single-pair tool-less toggle for data (purple)

* See list of NIDs online at www.suttleonline.com/catalog/vdsl2-nid-splitter.html