



Universal NID-01VTJ Splitter with Test Jack

VDSL2 Compatible up to 30MHz



Product Description

The NID-01VTJ is a POTS splitter designed to enable Phone service to coexist with ADSL2+ and VDSL2 data signals up to 30MHz.

Comtest splitters prevent interference between POTS and VDSL2 signals, ensuring high-quality delivery of voice and enhanced data service such as video.

Bridge taps in standard home wiring can cause fluctuations in impedance, insertion loss and group delay, which can result in high reflection, reduced power to the modem and lower attainable data rates. Comtest NID splitters eliminate bridge taps by isolating the DSL from internal wiring at the input of the home network, thus significantly improving the service. Even in a DRY DSL topology.

Comtest's entire family of VDSL CPE splitters supports VDSL2 while remaining backwards-compatible with existing ADSL and ADSL2+ technologies.

Features unique to the NID include the addition of secondary surge protection and compatibility with HPNA v 3.1 home networking.

Connection to the DSL modem and telephone equipment is straight forward. Gel-filled Insulation Displacement Connectors (IDCs) ensure quick and reliable connections and do not require any tools. An RJ-11 test jack is provided to validate dial tone on the phone line.

The NID-01VTJ is designed for simple and easy clip-in installation in industry standard NIDs, allowing the use of existing infrastructure while upgrading to the new VDSL2 standards.

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Applications and Benefits

- Easy Clip-in installation to standard NID boxes
- Make before break RJ-11 connector to verify line dial tone
- Gel-filled Insulation Displacement Connectors (IDC) for easy installation
- Environmentally Sealed for outdoor applications
- Secondary lightning/surge suppression

NID Specifications

Dimensions	50.3mm(H) x 23.4 mm(W) x 76.2mm(D) [0.92" x1.98" x 3.00"]
Weight	100 grams (.2lb)
Operating Temperature	-40 to +85 degrees Celsius
Compliance	T1.413, T1.424, ITU-T G.992.1, G.992.3, G.992.5, G.993.1 & G.993.2, CSA/UL 60950, FCC part 68,CS03, GR1089 (Level 1 & 2 Surges and Power Fault),K.21
Communications Interface	Connects to the xDSL, POTS service, and local Loop using gel-filled Insulation Displacement Connectors (IDCs). RJ-11 test jack for dial tone validation
Capacity	1 Subscriber Loop per line unit

Ordering information

Comtest product **Ordering code**

Splitter with Test Jack

NID-01VTJ.....SA-4700-0001

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