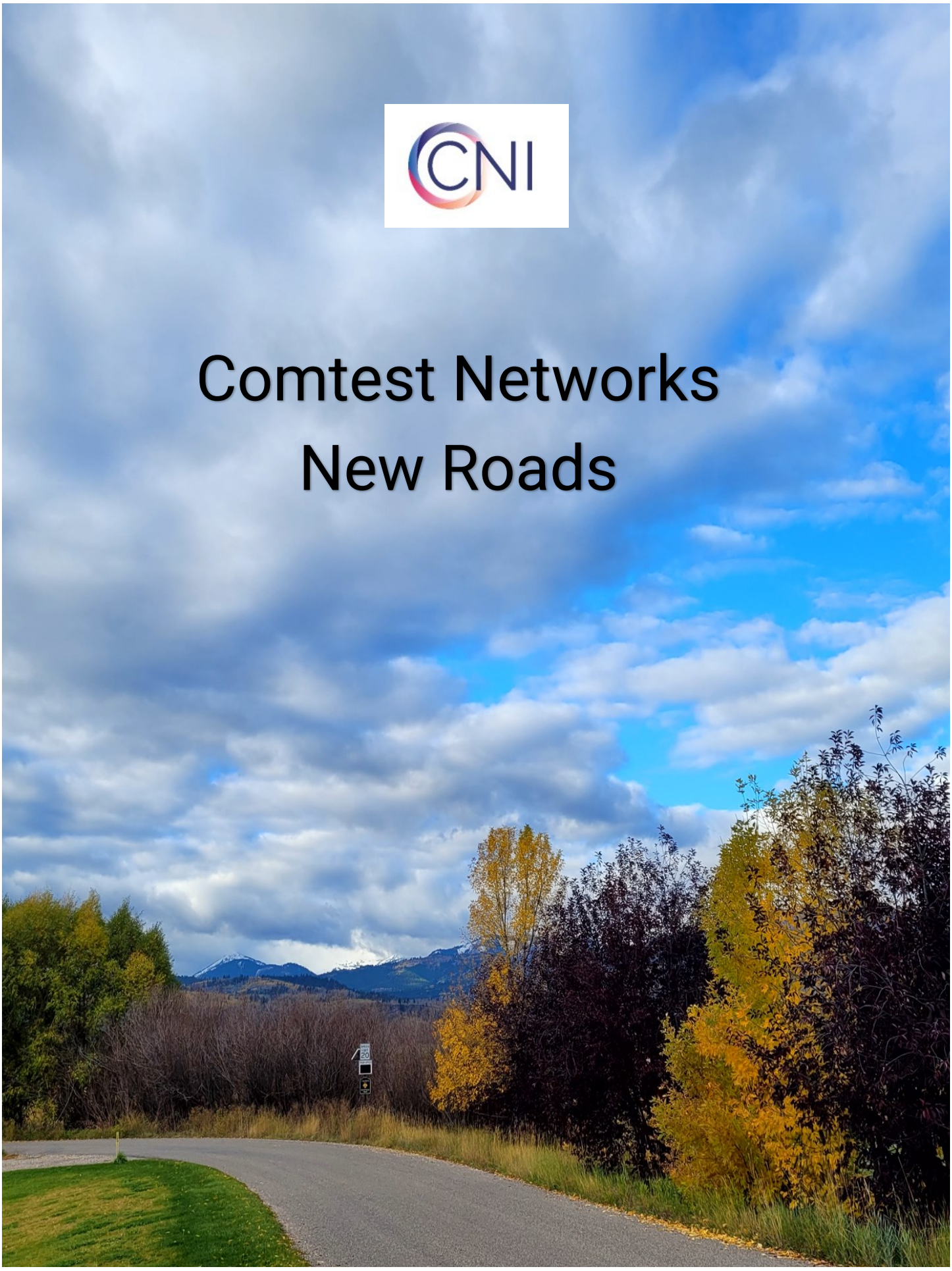
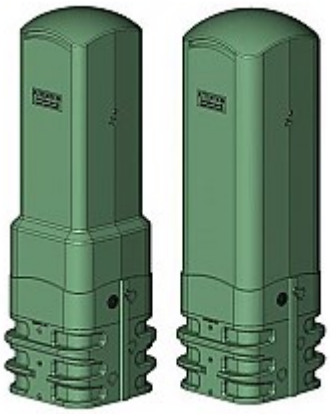


Comtest Networks
New Roads

Multi-Use Domed Pedestal (MDP)



The CNI Multi-Use Domed Pedestal (MDP) is manufactured in the USA with UV rated engineered thermoplastic and come in various sizes. The split base is designed with oversized extrusions that establish improved holding power in multiple substrates (soil, gravel, sand etc.) and supports stake mount deployment.

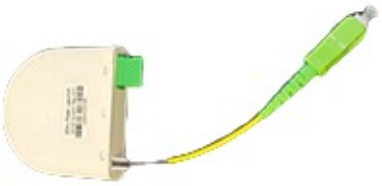
The 3-position internal ladder bracket allows for easy retrofit while allowing multiple tie options. The domed lid sheds rain and snow while preventing water intrusion in the event of a flood. The technician friendly metal latch is at a convenient working height, with tear drop shaped indentation to shed water. Its recessed handles provide easy access and lid removal.

Optical Splitters

The Optical Splitter's role is to split the signal evenly from a single fiber into two fibers. The "In" side consists of a 2 Ft (0.6m), 2.0mm yellow pigtail, with a terminated SC/APC connector. The "Out" side consists of two female SC/APC adapters.

The Optical Splitter is ideal for stock outs - MDU, SFU with suites, infill growth and temporary maintenance repairs of buried drops.

Fiber Launch Reel



Fiber Launch Reels, (also known as Pulse Suppression), are used with OTDRs to help minimize the "dead zone", and to increase the OTDR's measurement accuracy. They can be used for Installation, Testing and Calibration.

Launch Reel products:

SA-6012-2001 - 20 m Launch Reel (using G.657B3 Fiber with 2.0 mm SC/APC connector on INPUT)
SA-6012-5001 - 50 m Launch Reel (using G.657B3 Fiber with 2.0 mm SC/APC connector on INPUT)

Indoor ONT Fiber Enclosure

The Comtest Networks Indoor Surface Mount Fiber Enclosure mounts to any standard single-gang junction box or can be wall mounted. It provides a connection point and slack storage of up to 5ft of 3mm cable. The enclosure allows for fiber entry from all sides and accepts the mounting of the Adtran 411 Micro ONT, the Calix 801G Giga Point and the Calix 803G ONTs

The Perfect Path to Transition Copper to Fiber

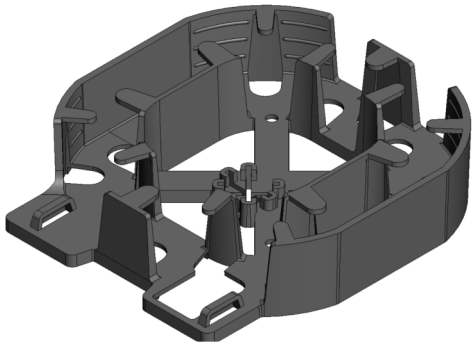
Dual All-In-One NID

The Dual All-In-One NID is the complete solution for ease and savings of installation of Bonded VDSL2 service. The All-In-One seals two GDT primary protectors with IDC inputs, two VDSL2 splitters, two IDC outputs for modem 1 & 2 and 7 IDCs for POTS for Line 1 and 1 IDC for POTS Line 2 altogether. The Dual All-In-One is housed in its own outdoor rated enclosure.

Unique features of the Dual All-In-One NID include the addition of secondary surge protection on each line, guarding the equipment in the house against lightning strikes or power crosses. Benefits of our EMI Suppression support and Half Ringer. The Comtest Superior IDC Connectors are grease filled to eliminate the possibility of corrosion

Model: SA-4715-E301

Deep Fiber Tray

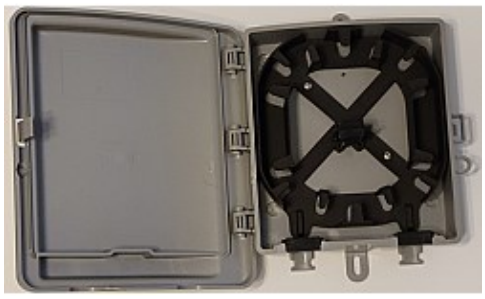


The Deep Fiber Tray allow for the smooth transition from Copper to Fiber or utilize both at the same time.

The fiber loop storage tray can accommodate up to 35ft of 4mm fiber and has mounting capability of 1-4 SC/APC bulkheads and has expansion capabilities.

Model: CP-6002-0002

Deep Fiber Tray With Enclosure



The Deep Fiber Tray with Enclosure covers many options. The enclosure is designed with the standard NID mounting pattern and allows for infinite variations of internal components which allow for fiber only, the smooth transition from Copper to Fiber or utilize both at the same time.

The custom designed door allows for maximum opening with minimal clearance to an adjacent enclosure. The enclosure includes a rear access grommet and bottom entry ports which support cable entry and Opti-tap connection.

The fiber loop storage tray can accommodate up to 35ft of 4mm fiber and has mounting capability of 1-4 SC/APC bulkheads and has expansion capabilities.

Model: SA-6002-0001; BP-6001-0004

The CNI Boost Solution

PON Boost MDU

The PON Boost MDU is a 12-volt DC (output) 4 port Boost Splitter that allows for convenient Optical Network Terminals (ONT's) installation where power is not readily available. The PON Boost MDU allows for greater flexibility in support of installing High Speed Internet services over Fiber/Ethernet. This unit supports up to 25 watts of 802.3at power over ethernet cable. The unit supports up to 4 individual Ethernet connections with power and Ethernet (PoE). The Ethernet traffic is passed on to the ONT and the Power is directed at the power port to power the ONT.

The PON Boost MDU works efficiently under ranging temperatures (-40 to 75°C) and comes installed in a NEMA rated enclosure. The package includes two industrial high-power injectors, that deliver power up to 100 meters (328 feet) over CAT5/6E cabling. This solution uses existing Cat5/6E wiring to power the ONT, eliminating the need to run additional fiber, Cat5/6E, or power wire within the living unit to provide up to 1 Gig High Speed Internet services.

PON Boost 1

The PON Boost 1 is a 12-volt DC (output) PoE Splitter that allows for convenient Optical Network Terminals (ONT's) installation where power is not readily available. The PON Boost 1 allows for greater flexibility in support of installing High Speed Internet services over Fiber/Ethernet. This unit supports up to 25 watts of 802.3at power over ethernet cable. The unit supports individual Ethernet connections with power and Ethernet (PoE). The Ethernet traffic is passed on to the ONT and the Power is directed at the power port to power the ONT.

The PON Boost 1 works efficiently under ranging temperatures (-40 to 75° C) and comes installed in a NEMA rated enclosure. The package includes one industrial high-power injectors, that deliver power up to 100 meters (328 feet) over CAT5/6E cabling. This solution uses existing Cat5/6E wiring to power the ONT, eliminating the need to run additional fiber, Cat5/6E, or power wire within the living unit to provide up to 1 Gig High Speed Internet services.

PON Boost Injector

The PON Boost Injector is an in-line power following the IEEE 802.3at/af Power over Ethernet Plus standards and makes the SA-4641-0001 capable of deliver Gigabit speed Ethernet data and up to 30 watts of power to remote ONT devices over one Cat5E/6 Ethernet cable.

Optical Fiber TAP

The CNI Fiber TAP enables concurrent analysis & monitoring of secure network access for Gigabit fiber networks with no interruption of service. The TAP delivers an exact copy of all data by splitting the light flowing on the network link.

Our TAP is available in most ratios required, 50/50, 70/30 or even 95/05. The CNI TAP uses no power and introduces no points of failure into your network.

The modular design allows the flexibility to combine 28 TAP modules of various speeds into a single 1RU rack.

Mini CST Cold Sealed Terminals 15D-08F

The Mini CST terminal closure is environmentally sealed and available in a 15 pair which can be used above or below grade. Craft friendly, tool-less design requires no additional parts or accessories to install standard 2, 3, 5, or 6 pair buried drops or 2 to 6 pr aerial drops.

This design provides reliable services over copper networks under any out-side plant environmental conditions.

DTE Domed Terminal Enclosure

The DTE1-P025 terminal closure is environmentally sealed 25 pair terminal which can be used above or below grade. Craft friendly, tool-less design requires no additional parts or accessories to install standard 2, 3, 5, or 6 pair service drops.

This design provides reliable services over copper networks under any outside plant environmental conditions

DTerminator 2 PMT/PMX/PMP

The DTerminator 2 PMT/PMX/PMP terminal systems are pole/wall-mounted terminals utilizing GelGuard gel sealing technology to environmentally protect the wire connections. Three models have been designed.

The DTerminator 2 PMT terminal block offers enhanced characteristics in a rugged aluminum housing with a swing-out door. This model is not protected.

The DTerminator 2 PMX upgradable terminal block includes a ground strip. Although it is an unprotected model, the PMX driver modules can be easily replaced in the field with protected driver modules, creating a protected pair unit when needed, saving unnecessary initial cost.

The DTerminator 2 PMP protected terminal block contains driver modules with factory-sealed circuit protectors. Each connection is protected by a three-element gas discharge tube.

Load Coils and Load Coil POTS

The CNI Load Coil is placed along a telephone line to compensate for the losses in signal over long distances. The load coil induces an electrical current via magnetic fields to compensate for lost signal power.
Both 66mH & 88mH are available and designed to moderate the loss in signals, or attenuation, or minimize it at high voice frequencies in telephone lines.

Potted Load Coils are available in 25 pair, 50 pair, 100 pair and 200 pair options.

Model #'s : SA-2642-88xx-xxx and SA-2642-66xx-xxx


Thank You
Please Contact us for additional assistance
info@comtestnetworks.com
01/08/2024