



Full Bonded NID Splitter with Test Jack and EMI Suppression

Model NID-TJ-FB-EMI

NAME	ORDER NUMBER
NID-TJ-FB-EMI	SA-4711-0001-G1



The Comtest NID-TJ-FB-EMI POTS Splitter is two complete VDSL2 splitters in a single footprint. Keeping with Comtest's reputation for innovative designs, the NID-TJ-FB splitter will simplify your installation and provide filtering on both lines, while only occupying one slot in the NID/SNI. The NID-01V-FB-EMI is designed for simple and easy clip-in installation in virtually all industry standard NIDs, allowing for the continued use of existing infrastructure while upgrading to new bonded VDSL2 standards.

The Comtest NID-TJ-FB-EMI has the added benefit of a built in Common Mode EMI Filter. The Common Mode EMI Filter provides insertion loss of 30dB of couple signals (Electromagnetic interference signals) without adversely affecting the DSL signal (differential mode). This helps to reduce the effect of EMI on DSL signals.

The NID-TJ-FB includes secondary surge protection on both lines. The Splitter is environmentally sealed against the elements. This, in cooperation with the gel filled IDCs, protects against the risk of corrosion or failure caused by nicked wires during stripping.

SPECIFICATIONS

DIMENSIONS 50.3mm(H) x 23.4mm(W) x 76.2mm(D) (1.98" x 0.92" x 3.0")

OPERATING TEMPERATURE -40 to +65 °C
-40 to +149 °F

WEIGHT 85g (0.19lbs)

COMMUNICATIONS INTERFACE

- Gel-filled Insulation Displacement Connectors (22AWG to 26AWG solid conduction type) for Phone Out (three connections) and Modem Out
- RJ-11 connection for Test Jack • Local Loop via twisted pair

CAPACITY 2 Bonded Subscriber Loop per unit

COMPLIANCE

T1.413, T1.424, ITU-T G.992.1, G.992.3, G.992.5, G992.1 & G.993.2, CSA/UL 60950, FCC Part68, CS03, GR1089 (Level 1 & 2 Surges and Power Fault), GR3167

BENEFITS

- Easy clip-in installation to standard NID/SNI boxes
- Single footprint required for both lines
- Make-before-break RJ-11 connector to verify line dial tone
- Environmentally sealed for outdoor applications
- Small insertion loss in differential mode, typically less than 0.25dB
- High Common Mode Insertion Loss, typically higher than 30dB
- Secondary lightning/surge suppression