


Features

- Accepts Bourns DSL POTS Splitters, Station, & Coaxial Protectors
- Manufactured from high-impact resistant, ultraviolet-desensitized, flame retardant, UL Listed plastic
- Optional 2 - or 4 - post Sealed Switching Jacks (RJ11)
- Subscriber lockable with Telco override provision
- Provision for easy ground attachment
-  Listed per UL 497 (File: E53117)

7091 Series – Network Interface Device

Bourns Model 7091 NID provides a secure and weather resistant enclosure for single or multi-line residential or commercial application. The 7091 is designed for termination and protection various combinations of subscriber services including Twisted Pair, ADSL, VDSL and Coaxial lines.

How To Order

7091 - X X - X X X - XX

Model Number Designator _____

Number of Coax Lines _____

0 = None 3 = Includes **One 1740** Coax Protector
 4 = Includes **Two 1740** Coax Protectors

Number of Twisted Pair Lines _____

1 = One line 3 = Three lines
 2 = Two lines 4 = Four lines

Station Protector Options _____

D¹ = 455HS-MSP (2377-45-HS) Broadband Voice/Data Services
 Z¹ = 455HS-BC* (2377-45-BC) Balance-Sensitive DSL Systems
 E = 155HS-MSP (2378-35-HS) Broadband Voice/Data
 Y = 155HS-BC* (2378-35-BC) Balance-Sensitive DSL Systems

B = 125EW (2374-01) Sealed Gas Tube (UL, Bellcore)
 C = 125EW-R (2375-01) Sealed Gas Tube (REA, UL, CSA)
 L = 356M (2377-01) Sealed 3-Pole Gas Tube (REA, UL, CSA)
 M = J130S (2380-27-01) Solid State (UL)
 T = Tii355M (2377-01)
 O = No Station Protectors

*For DSL systems requiring capacitive balance ≤ 1pF

Special Options _____

B = Binding screws for Station Electronics
 G = Security Screw in Telco Cover
 H = Security Screw in Security Plate
 I = IDC Type Expansion Bridge - 4 Jacks (85122-IDC)
 T = Sealed Switching Jack 2-post (85122-T)
F = Sealed Switching Jack 4-post (85122-T4)
 O = No Options

Coax Protector Type _____

2 = 1740-15 (150V±20% DC Breakdown @ 100V/Sec)
 3 = 1740-23 (230V±20% DC Breakdown @ 100V/Sec)
 4 = 1740-35 (350V±20% DC Breakdown @ 100V/Sec)

DSL Options* (2 DSL Lines Maximum) _____

A1 = (1) 3610A ADSL POTS Splitter V1 = (1) 3630A VDSL POTS Splitter
 A2 = (2) 3610A ADSL POTS Splitters V2 = (2) 3630A VDSL POTS Splitters

Product Dimensions

High	Wide	Deep
<u>228.6</u>	<u>215.9</u>	<u>63.5</u>
(9.0)	(8.5)	(2.5)

DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

*DSL Configuration Note:

The **3610A** or **3630A** can **only** be ordered in 1 or 2 line configurations and must be ordered with option **D**, **Z**, **E** or **Y** Station Protectors. 7091 NIDs ordered with a DSL option will include **Special Option F** (sealed 4-post switching jack).

To add lines, use upgrade kits:

- 85122 Standard Jack
(Not available with DSL Options)
- 85122-RET-1 Sealed RJ11 - 1 Line
- 85122-RET-2 Sealed RJ11 - 2 Lines

Note 1 = Digi.Guard

REV. H

Specifications are subject to change without notice.

7091 Series – Network Interface Device

BOURNS®

Configuration Information

NO COAX

		Number of 3610A ADSL* POTS Splitters Installed		
		NONE	ONE	TWO
Number of Twisted Pair Lines	1	7091-01-XXX	7091-01-XFX-A1	N/A
	2	7091-02-XXX	7091-02-XFX-A1	7091-02-XFX-A2
	3	7091-03-XXX	7091-03-XFX-A1	N/A\
	4	7091-04-XXX	N/A	N/A

* For 3630A VDSL, replace A1 / A2 with V1 / V2

Important DSL Ordering Notes:

3610A or 3630A DSL POTS Splitters must be ordered with **Station Protector Options D, Z, E or Y only.**

7090 NIDs ordered with either 3610A or 3630A will include **Special Option F** (sealed 4-post switching jack).

ONE COAX

		Number of 3610A ADSL* POTS Splitters Installed		
		NONE	ONE	TWO
Number of Twisted Pair Lines	1	7091-31-XXX	7091-31-XFX-A1	N/A
	2	7091-32-XXX	7091-32-XFX-A1	7091-32-XFX-A2
	3	7091-33-XXX	7091-33-XFX-A1	N/A\
	4	7091-34-XXX	N/A	N/A

* For 3630A VDSL, replace A1 / A2 with V1 / V2

TWO COAX

		Number of 3610A ADSL* POTS Splitters Installed		
		NONE	ONE	TWO
Number of Twisted Pair Lines	1	7091-41-XXX	7091-41-XFX-A1	N/A
	2	7091-42-XXX	7091-42-XFX-A1	7091-42-XFX-A2
	3	7091-44-XXX	7091-43-XFX-A1	N/A\
	4	7091-44-XXX	N/A	N/A

* For 3630A VDSL, replace A1 / A2 with V1 / V2



Reliable Electronic Solutions

Asia-Pacific:

TEL +886- (0)2 25624117

FAX +886- (0)2 25624116

Europe:

TEL +41-41 7685555

FAX +41-41 7685510

North America:

TEL +1-909 781-5500

FAX +1-909 781-5700

bourns.com