

Features

- Expands to add POTS lines, DSL or both
- Manufactured from high-impact resistant, ultraviolet-desensitized, flame retardant plastic
- Optional sealed switching jacks with Insulation Displacement Connectors (IDC)
- Subscriber lockable with Telco override
- Convenient ground attachment
- Made in USA

7090 Series - Network Interface Device

TDI 7090 NID provides a secure and weather resistant enclosure for Telco service for residential or commercial installations. The 7090 supplies station protection and test access points and can be configured for a maximum of six POTS lines or three lines with DSL. The 7090 features plenty of working space for wire management.

How To Order

7090 - 0X - X X - XX - XX

Model Number Designator _____

Number of Twisted Pairs _____

1 = One 3 = Three 5 = Five
2 = Two 4 = Four 6 = Six

Station Protector Options _____

D¹ = 455HS-MSP (2377-45-HS) Voice/Data/DSL (UL, cUL)
 U³ = 455HS-MSP (2377-45-HS-IDC) Voice/DSL/Data (UL, cUL)
 Z¹ = 455HS-BC* (2377-45-BC) Balance-Sensitive DSL (UL, cUL)
 W³ = 455HS-BC* (2377-45-BC-IDC) Balance-Sensitive DSL (UL, cUL)
 V³ = 455-MSP-TBU (2377-45-HS-TBU) MSP w/TBU[®] Protector (UL, cUL)
 Q³ = 455BC-MSP-TBU* (2377-45-BC-TBU) Balance-Sensitive MSP w/TBU[®] Protector (UL, cUL)

E² = 155HS-MSP (2378-35-HS) Voice/DSL/Data (UL, cUL)
 Y² = 155HS-BC* (2378-35-BC) Balance-Sensitive DSL (UL, cUL)
 G = 155G (2378-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)

K = 356G (2377-35-G) Balanced GDT, No Back-Up-Gap (UL, cUL)
 R³ = 356G (2377-35-G-IDC) Balanced GDT, No Back-Up-Gap (UL, cUL)

O = No Station Protectors (Not available with DSL configurations)

*For DSL systems requiring capacitive balance within 1 pF.

Note 1 = Digi.Guard - 356 size, RUS Maximum Duty.

Note 2 = Digi.Guard II - 125 size, RUS Heavy Duty.

Note 3 = Insulation Displacement Connectors (IDC)

Special Options _____

G = Security Screw in Telco Cover B = Expansion Bridge w/Binding Posts (85122-B)
 H = Security Screw in security plate I = Expansion Bridge w/IDC (85122-IDC)
 S = Sealed Switching Jack w/IDC (85122-T-IDC)
 F = Sealed Switching Jack 4-Post (85122-T4) O = No options (standard 85122 jack)

POTS Splitter Options[†] _____

P1 = (1) 3610A2 ADSL 2+ POTS Splitter, UL Listed P1-I = (1) 3610A2-IDC ADSL2+ POTS Splitter w/IDC, UL Listed
 P2 = (2) 3610A2 ADSL 2+ POTS Splitters, UL Listed P2-I = (2) 3610A2-IDC ADSL2+ POTS Splitters w/IDC, UL Listed
 P3 = (3) 3610A2 ADSL 2+ POTS Splitters, UL Listed P3-I = (3) 3610A2-IDC ADSL2+ POTS Splitters w/IDC, UL Listed

V1 = (1) 3610V2 VDSL 2 POTS Splitter, UL Listed V1-I = (1) 3610V2-IDC VDSL2 POTS Splitter w/IDC, UL Listed
 V2 = (2) 3610V2 VDSL 2 POTS Splitters, UL Listed V2-I = (2) 3610V2-IDC VDSL2 POTS Splitters w/IDC, UL Listed
 V3 = (3) 3610V2 VDSL 2 POTS Splitters, UL Listed V3-I = (3) 3610V2-IDC VDSL2 POTS Splitters w/IDC, UL Listed

[†]DSL Configuration Note:

7090 NIDs ordered with POTS splitter units must be ordered with **Special Option F** (4-post sealed switching jacks) or **Special Option S** (sealed switching jack w/IDC). *Example: 7090-01-EF-P1*

DSL Adapter Options _____

B1 = (1) 3670-01 BalUn Module
 B2 = (2) 3670-01 BalUn Modules

To add lines, use station protector +

85122 Standard Jack (Not available with DSL configurations)
 85122-T4 Sealed Switching Jack, 4-post
 85122-T-IDC Sealed Switching Jack w/IDC

Also available:

80535 Conduit Adapter

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.

Contact:

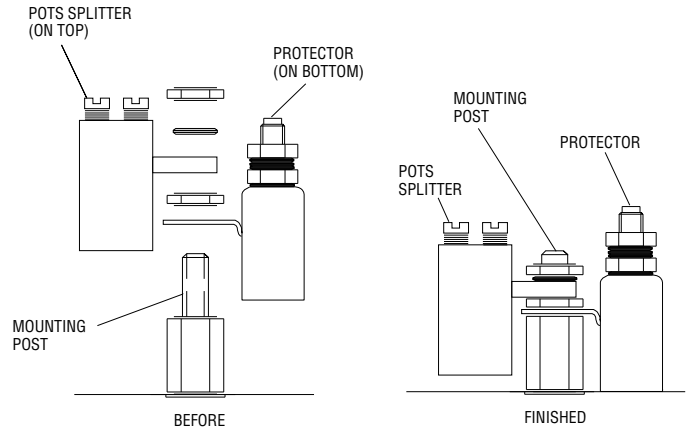
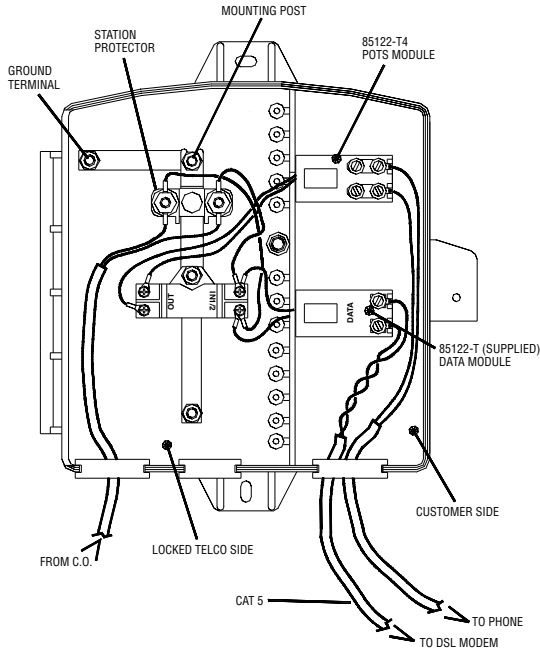
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OR

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 208-660-5135
 Tom@ospproducts.com

7090 Series - Network Interface Device **TDI**

POTS Splitter Installation



COMMON POST ATTACHMENT (7090 / 7091)

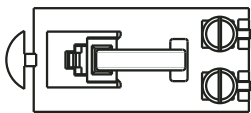
Product Dimensions

High	Wide	Deep
229 / (9.0)	216 / (8.5)	69 / (2.7)

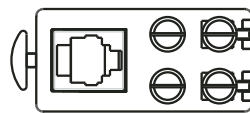
DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

RJ11 Subscriber Bridges

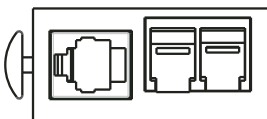
85122 Standard Loop



85122-T4* Internal Switch - 4 Lugs

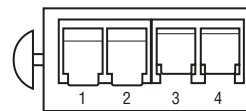


85122-T-IDC* Sealed Switch Jack w/IDC

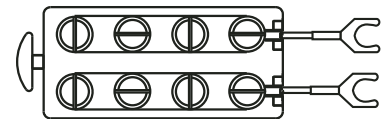


Expansion Bridges

85122-IDC Insulation Displacement Connectors



85122-B Binding Post



*Includes environmental sealant and closed-cell foam gasket.

REV. 1 01/19

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