

110 Style Crossconnect Products 50 Pair 89D Bracket Compatible Wiring Base & Kit

APPLICATION

For wall mount applications requiring a compact cross-connect block that supports voice, data, and security, including high megabit applications when used with Power Sum rated cabling. Used in entrance facilities, telecommunication closets and equipment rooms. 50 pair density.

STANDARDS COMPLIANCE

Meets or exceeds all applicable standards: UL listed (41DW1-589 only); fully complies with TIA/EIA-568-A; and meets FCC Part 68.

PHYSICAL SPECIFICATIONS

Material: 110 wiring bases are made of fire-retardant plastic rated UL 94V-0; C-3, C-4 and C-5 connector blocks are made of fire-retardant plastic rated UL 94V-0 with solder plated IDC's.

Capacity: 50 pairs

Dimensions: 2.2"H x 10"W x 1.59"D

DESIGN CONSIDERATIONS

- Use where space limitations and low cost are a factor.
- Kitted version includes 50 pair 89D bracket compatible wiring base, labels, label holders, C-4 and C-5 connector blocks.
- Port ID options:
 1. Use the label strips and holders provided with the Kit version of this product (Part No. 41DB1-5FT).
 2. Use Product Labeling Kits (sold separately) comprised of clear label holders (Part No. 41100-HLD) and label strips (Part No. 411BL-00x) lined for 2, 3, 4 or 5 pair spacing. Available in 9 colors to meet TIA/EIA-606 color coding requirements.
- Specify horizontal cord managers (41D10-HCM and 41A10-HCM) between the 89D brackets.
- 89D mounting bracket is sold separately (Part No. 40089-D).

INSTALLATION NOTES

- Mount on wall or backboard, using an 89D mounting bracket.
- Route cable bundles through 89D mounting bracket and under wiring base.
- Route individually marked cables from both left and right sides or from top and bottom.
- Limit wire untwisting to 1/2" from termination point.
- Limit cable jacket removal to a minimum.
- Maintain cable bend radius standard (4x the cable diameter).
- Don't over-stress the cable tie downs.
- Use Leviton's D814 punchdown/termination tool (Part No. 49553-814) and 110 IDC blade (Part No. 49553-110) to seat and cut off excess cable.

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



WARRANTY INFORMATION

- One-year limited product warranty and 15-year performance guarantee are standard.
- Product and performance warranties are extended to a Lifetime as part of Leviton's Certified Cabling System.

For ELECTRONIC Typical Specs see (.TXT) file on disk.

TYPICAL SPECIFICATION

The cross-connect shall be comprised of Category 5 compliant 89D style 110 wiring bases to provide 110 termination capable of supporting voice, security, and data applications, including Category 5. The wiring base shall also support high megabit applications when used with Power Sum rated cabling. The wiring bases shall be UL listed (41DW1-589 only), TIA/EIA-568-A and Category 5 compliant. Bases shall support 50 pair densities with provision for TIA/EIA-606 compliant labeling, and mount to wall or backboard using an industry standard 89D bracket. Plastic bases and blocks must be made of fire-retardant plastic rated UL 94V-0. The manufacturer shall provide a one-year limited product warranty and 15 year product performance guarantee. The manufacturer shall provide a lifetime warranty against defects in material and workmanship and an application guarantee when installed as part of a certified system.



For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082
Spec sheets and updates are also available at www.levitonvoicedata.com.

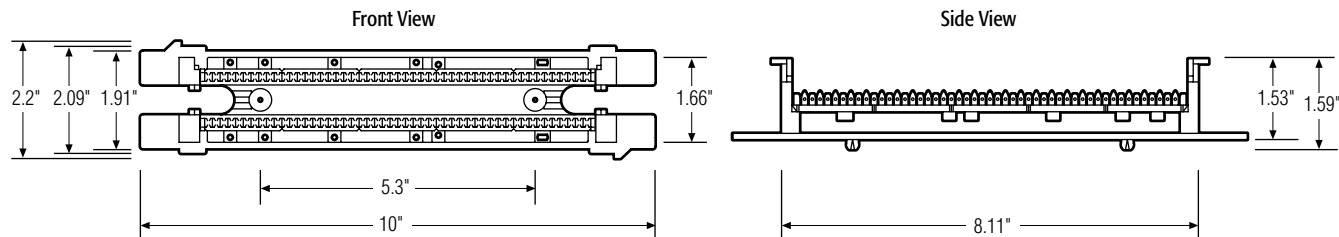


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**50 Pair 89D Bracket Compatible
Wiring Base and Kit**
Part Numbers 41DW1-589, 41DB1-5FT
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DIMENSIONAL LINE ART

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PART NUMBERS

Description	Part Number
50 Pair 89D Bracket Compatible Wiring Base UNIT (89D Bracket sold separately)	41DW1-589
50 Pair 89D Bracket Compatible Wiring Base KIT with base, label strips, 10 C-4 connectors and 2 C-5 connectors (89D Bracket sold separately)	41DB1-5FT
89D Bracket	40089-D



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