Complementary Products

Voice Grade Solutions

Series 2 406

NT System 425

89D Style 429

Building Entrance Terminals

Fiber Wall Boxes 442

Protection Devices 453

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Wired Termination Block System

Features

- The original IDC termination block system
- Can be custom configured to meet specific application requirements
- Available in 8- and 10-pair configurations
- Unique center port design allows for patching or testing without removing cross-connect wires or disrupting the circuit
- Versatile mounting hardware allows mounting on wall, in racks, etc.
- Comprehensive labeling options

Series 2 10-pair disconnect block

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
8-pair Series 2 block *Quantity: 1 (order in multiples of 10)* Snaps into Type 85 rod mount bracket or standard Type 85 back mount frame	0.88" x 4.88" x 1.63" (22.35mm x 123mm x 41.4mm)	6036 1 005-00
10-pair Series 2 K110 disconnect block *Quantity per Pack: 10* Snaps into universal mounting system, Type 105 rod mount bracket or standard Type 105 back mount frame. Wires can be terminated with either KRONE insertion tool or industry-standard punchdown tool equipped with 110-blade	0.88" x 4.88" x 1.63" (22.35mm x 123mm x 41.4mm)	6468 5 102-00
10-pair Series 10 block *Quantity: 1 (order in multiples of 10)* Snaps into Type 85 rod mount bracket	0.88" x 4.06" x 1.63" (22.35mm x 103.1mm x 41.4mm)	6730 1 001-00
10-pair Series 10 block *Quantity: 1 (order in multiples of 10)* Includes (20) 5mm spacers for even spacing on Type 85 rod mount bracket	0.88" x 4.06" x 1.63" (22.35mm x 103.1mm x 41.4mm)	6730 1 001-01

Tech Tip
For proper wire management, use the wire management rings on both sides of the block. Pull half the jumpers or patch cords to one side and the other half to the other side.

Tech Tip
Field terminated kits are used for customized applications where preterminated blocks are not required. Used with ADC cable, the kits provide a complete broadband/DSL transmission solution.

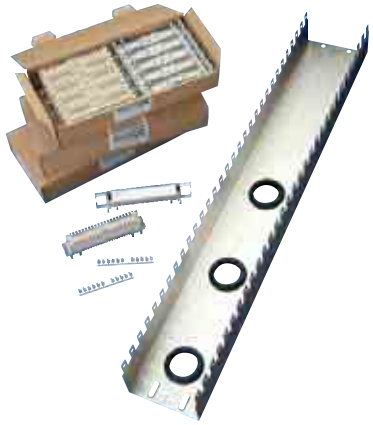
Complementary Products

Voice Grade Solutions: Series 2

Series 2 Field Assembly Kits

160-pair kit

200-pair kit



300-pair kit

200-pair rod mount kit

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Field Assembly Kits

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
160-pair field assembly kit *Quantity: 1* Provides termination or patching for (4) 4-pair cables. Includes (20) 8-pair Series 2 blocks, (1) Type 85 label holder, (1) 21-position Type 85 back mount frame, mounting hardware, protective rubber grommets for back mount frame rear cable entry holes	18.44" x 4.06" x 3.81" (468.38mm x 103.12mm x 96.77mm)	6636 1 210-00
200-pair field assembly kit *Quantity: 1* Provides termination or patching for multipurpose cable, including riser cable, totaling up to 200 pairs; allows easy pair identification in 10-pair groups. Includes (2) 10-pair Series 2 blocks, (1) Type 105 label holder, (1) 21-position Type 105 back mount frame, mounting hardware, protective rubber grommets for mounting bracket rear cable entry holes	18.44" x 4.88" x 3.69" (468.38mm x 123mm x 93.73mm)	6638 1 180-00
300-pair field assembly kit *Quantity: 1* Includes (30) Series 2 10-pair blocks, (1) 31-position back mount frame, label holder, mounting hardware	27.13" x 4.88" x 3.69" (689mm x 123mm x 93.73mm)	6638 1 300-03
200-pair field assembly kit *Quantity: 1* Includes (20) Series 2 10-pair blocks, (1) 21-position rod mount frame, label holder, mounting hardware	18.63" x 4.88" x 3.69" (473.2mm x 123mm x 93.73mm)	6638 1 180-21

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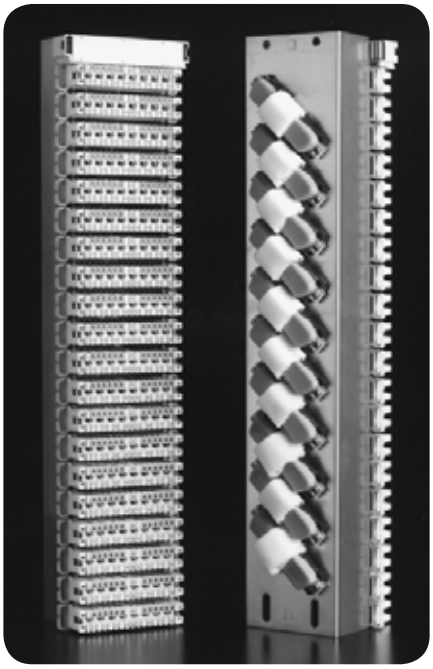
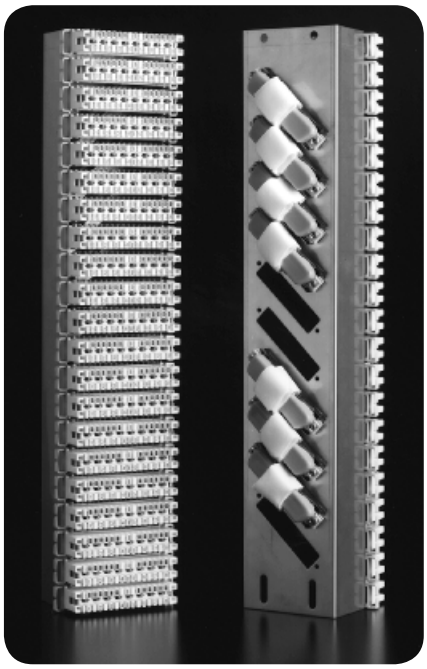
Complementary Products

Voice Grade Solutions: Series 2

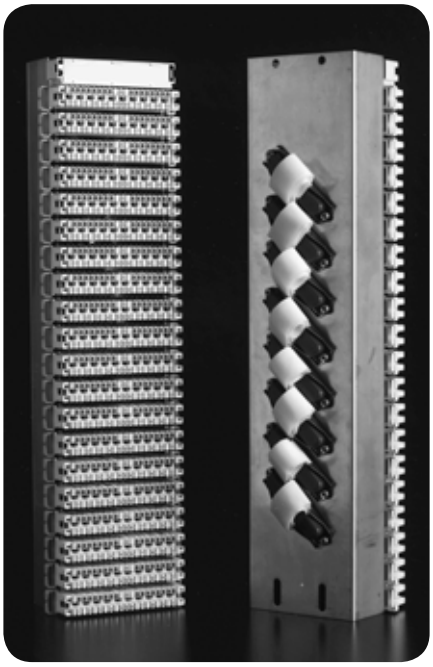
Series 2 Preterminated Assemblies



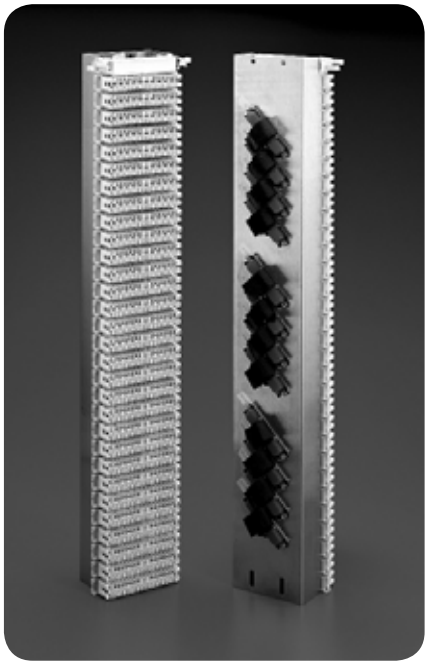
160-pair block, factory preterminated



168-pair block, factory preterminated



200-pair block, factory preterminated



300-pair block, factory preterminated

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Preterminated Assemblies

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
160-pair factory preterminated kit *Quantity: 1* For PBX switch cables using only 16-pair per Telco connector, or for IBM 3270 applications. Includes (20) 8-pair Series 2 blocks, affixed to back mount frame, preterminated to (10) RJ-21 50-pin male connectors with hook-and-loop fastener locks. Wires divided into 16-pair groups. Each RJ-21 50-pin connector is connected to (2) Series 2 blocks at the opposite end: Pairs 1 to 8 terminate to first block; pairs 9 to 16 terminate to second block. Sequence repeated for each 50-pin connector. Includes (1) Type 85 label holder	18.44" x 4.06" x 3.81" (468.38mm x 103.12mm x 96.77mm)	6635 1 210-08
168-pair factory preterminated kit *Quantity: 1* For PBX systems. Includes (21) 8-pair Series 2 blocks, affixed to back mount frame, preterminated to (7) RJ-21 50-pin male connectors; hook-and-loop fastener locks on each 50-pin connector secure equipment cables. Wires divided into 24-pair groups. Each group terminates to (1) RJ-21 50-pin connector at one end and (3) Series 2 blocks at the other end: Pairs 1 to 8 terminate to first block; pairs 9 to 16 terminate to second block; pairs 17 to 24 terminate to third block. Sequence repeated for each 50-pin connector	18.44" x 4.06" x 3.81" (468.38mm x 103.12mm x 96.77mm)	6635 1 220-03
200-pair factory preterminated kit Series 2 blocks, male connectors *Quantity: 1* For demarcation and multi-pair cable installations. Includes (20) 10-pair Series 2 disconnect blocks preterminated to (8) 25-pair male Telco RJ-21X connectors* on a 21-position back mount frame; includes (1) Type 105 label holder; hook-and-loop fastener locks on each 50-pin connector secure equipment cables. Mounts on mounting frame or support bars	18.44" x 4.88" x 3.69" (468.38mm x 123mm x 93.73mm)	6637 1 180-03

*25-pair Telco connectors are oriented for bottom feed cable assemblies

Ordering information continues on the next page

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Complementary Products

Voice Grade Solutions: Series 2

Series 2 Preterminated Assemblies

Ordering Information

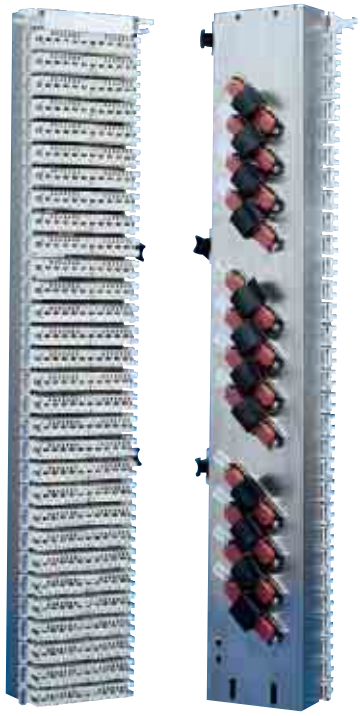
Description	Dimensions (HxWxD)	Catalog Number
200-pair factory preterminated kit with 10-pair Series 2 blocks, female connectors *Quantity: 1* For demarcation and multi-pair cable installations. Includes (20) 10-pair Series 2 disconnect blocks preterminated to (8) 25-pair female Telco RJ-21X connectors* on a 21-position back mount frame; includes (1) Type 105 label holder; hook-and-loop fastener locks on each 50-pin connector secure equipment cables. Mounts on mounting frame or support bars	18.44" x 4.88" x 3.69" (468.38mm x 123mm x 93.73mm)	6637 1 180-04
300-pair factory preterminated kit with 10-pair Series 2 blocks, male connectors *Quantity: 1* For demarcation and multi-pair cable installations. Includes (30) 10-pair Series 2 disconnect blocks preterminated to (12) 25-pair male Telco RJ-21X connectors on a 21-position back mount frame; includes (1) Type 105 label holder; hook-and-loop fastener locks on each 50-pin connector secure equipment cables. Mounts on support bars	27.13" x 4.88" x 3.69" (689mm x 123mm x 93.73mm)	6637 1 210-04
300-pair factory preterminated kit with 10-pair Series 2 blocks, female connectors *Quantity: 1* For demarcation and multi-pair cable installations. Includes (30) 10-pair Series 2 disconnect blocks preterminated to (12) 25-pair female Telco RJ-21X connectors on a 21-position back mount frame; includes (1) Type 105 label holder; hook-and-loop fastener locks on each 50-pin connector secure equipment cable. Mounts on support bars	27.13" x 4.88" x 3.69" (689mm x 123mm x 93.73mm)	6637 1 210-10

*25-pair Telco connectors are oriented for bottom feed cable assemblies

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Preterminated Blocks



300-pair preterminated block

200-pair preterminated block

Features

- High-density IDC termination system
- Preterminated to reduce installation time
- Provides "look-both-ways" fault isolation, testing and qualification without removing wires
- 25-pair connectors oriented for top feed cable assemblies
- Used with ADC cable, the blocks provide a complete broadband/DSL transmission solution

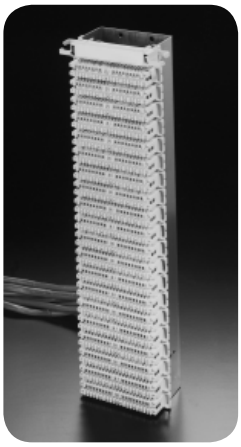
Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
200-pair block *Quantity: 1* Preterminated to (8) 25-pair female Telco RJ-21X connectors	18.44" x 4.88" x 3.69" (468.38mm x 123mm x 93.73mm)	6637 1 180-49
300-pair block *Quantity: 1* Preterminated to (12) 25-pair female Telco RJ-21X connectors	27.13" x 4.88" x 3.69" (689mm x 123mm x 93.73mm)	6637 1 210-14

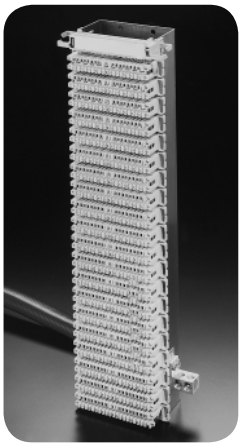
Complementary Products

Voice Grade Solutions: Series 2

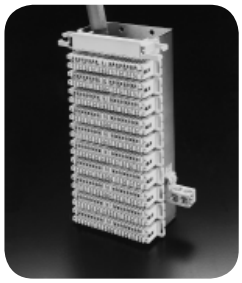
Series 2 Stubbed Disconnect Blocks



200-pair disconnect block with rear exit stub



200-pair disconnect block with bottom rear exit stub



100-pair disconnect block with top exit stub

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
100-pair stubbed disconnect block with ARMM cable *Quantity: 1* Includes (10) 10-pair Series 2 disconnect blocks, label holder, (1) 11-position back mount frame with attached double group lug. Blocks preterminated to 100-pair ARMM (24 AWG) cable (15'); cable stub exits through top of back mount frame Mounts on support bars	9.63" x 4.88" x 3.69" (244.6mm x 123mm x 93.73mm)	6637 1 140-30/15
200-pair stubbed disconnect block with ARMM cable *Quantity: 1* Includes (20) 10-pair Series 2 disconnect blocks, label holder, (1) 21-position back mount frame with attached double ground lug. Blocks preterminated to 200-pair ARMM (24 AWG) cable; cable stub exits through either top or bottom of assembly through rear cable entry holes on back mount frame Mounts directly to mounting frame or support bars	18.44" x 4.88" x 3.69" (468.38mm x 123mm x 93.73mm)	
25' top rear exit stub		6637 1 250-01/25
50' top rear exit stub		6637 1 250-01/50
50' bottom rear exit stub		6637 1 250-02/50
200-pair stubbed disconnect block with PVC cable stubs *Quantity: 1* Includes (20) 10-pair Series 2 disconnect blocks, label holder, (1) 21-position back mount frame. Blocks preterminated to (8) 25-pair unshielded PVC (24 AWG) cables (50'); cable stub exits through rear cable exit holes on back mount frame Mounts to mounting frame or support bars	18.44" x 4.88" x 3.69" (468.38mm x 123mm x 93.73mm)	6637 1 180-51/50

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Complementary Products

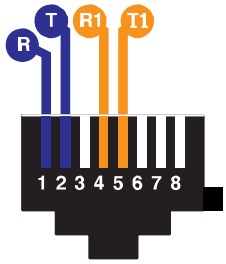
Voice Grade Solutions: Series 2

Series 2 8-Pair Termination Block Systems

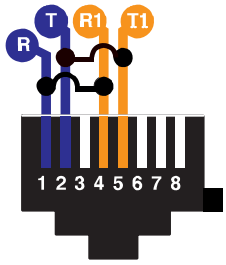
Twenty-eight 2-pair channels, unstubbed

Twenty-eight 2-pair channels, stubbed

Eight 2-pair channels, unstubbed



RJ48C



RJ48X

Features

- High-density wire termination system
- Support 4-wire circuits such as T1 or HDSL
- Disconnect blocks provide "look-both-ways" fault isolation, testing and qualification without removing wires
- Provide RJ48X or RJ48C handoff for easy access and circuit labeling
- Equipped with eight-position keyed modular jacks; pins 1, 2, 4 and 5 preterminated to 8-pair Series 2 blocks. When an RJ plug is removed, pin 1 shorts to pin 4 and pin 2 shorts to pin 5, via a shorting bar located in the jack. Upon insertion of a plug, the shorts are removed
- RJ48C versions can be used in conjunction with digital data jacks (smart jacks)
- Versatile patching options for easy changes or testing
- Preterminated blocks reduce installation time
- Superior contact performance
- Numerous labeling options
- Variety of mounting options on wall, in racks or cabinets

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: Series 2

Series 2 8-Pair Termination Block Systems

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
(28) 2-pair channels with 8-position keyed modular jacks *Quantity: 1* Used to terminate HDSL service or to breakout T3 (DS3) circuit into (28) 2-pair channels. 8-position keyed modular jack; pins 1, 2, 4 and 5 preterminated to (7) 8-pair Series 2 blocks	18.38" x 4.16" x 3.13" (466.9mm x 105.66mm x 79.5mm)	
RJ48X modular jacks, no cable stub		6635 1 140-27
RJ48C modular jacks, no cable stub		6635 1 140-29
RJ48X modular jacks, (2) 50' cable stub		6635 1 140-28/50
RJ48C modular jacks, (2) 50' cable stub		6635 1 140-30/50
(8) 2-pair channels with 8-position keyed modular jacks *Quantity: 1* Used to terminate HDSL service or to breakout T3 (DS3) circuit into (8) 2-pair channels. 8-position keyed modular jack; pins 1, 2, 4 and 5 preterminated to (2) 8-pair Series 2 blocks	5.25" x 4.16" x 3.13" (133.35mm x 105.66mm x 79.5mm)	
RJ48X modular jacks, no cable stub		6635 1 140-31
RJ48C modular jacks, no cable stub		6635 1 140-32

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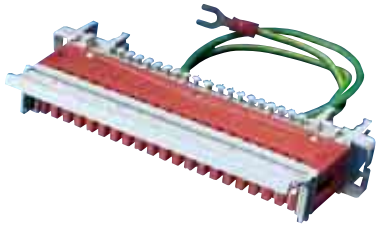
Complementary Products

Voice Grade Solutions: Series 2

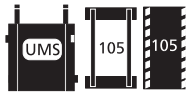
Grounding Blocks

Ground clip

Type 105 grounding block



Series 2 ground kit



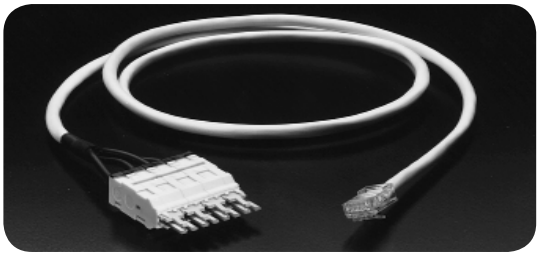
Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Type 105 grounding block *Quantity: 1* Designed to provide common ground point for shielded cable drain wires; earth lead allows isolated ground connection. Snaps into Type 105 back mount frame or rod mount bracket. NOTE: When used in rod mount bracket, ground clips must be used (2 clips per block) Termination: 38 drain wires: 20 AWG 76 drain wires: 22 to 26 AWG (2 per contact) Color: Red Earth lead: 9.84" (250mm), 16 AWG red	0.88" x 4.88" x 1.56" (22.35mm x 123mm x 39.6mm)	6089 2 017-00
Ground clips *Quantity: 1* Snap onto each end of 8- or 10-pair Series 2 rod mount block to ground to rod mount bracket. Allows installation of 10-pair protection magazine when overvoltage protection is required		6089 3 202-00
Series 2 rod mount/back mount frame ground kit *Quantity: 1* Kit includes (1) 10-pair hinged label holder, (1) earth module capable of terminating 68 drain wires (2 per contact). Remove standard 10-pair block label holder and replace with earth module and hinged label holder		6638 1 180-24

Complementary Products
Voice Grade Solutions: Series 2

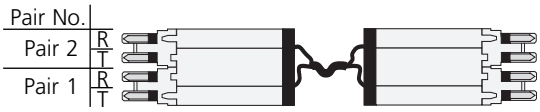
Series 2 Accessories:
Category 5 Patch Cords for Series 2 Blocks

These patch cords are used in all Series 2 8-pair and 10-pair disconnect blocks and exceed Category 5 specifications for NEXT.

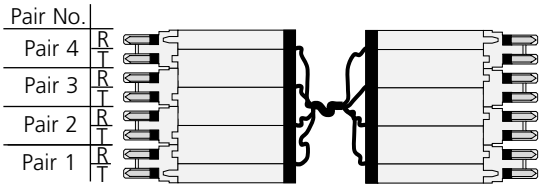


Category 5 Series 2 patch cords

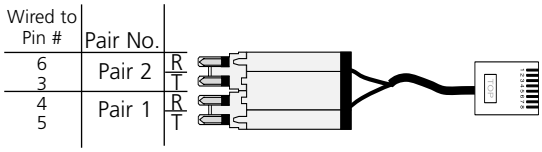
6647 2 000-*XX*



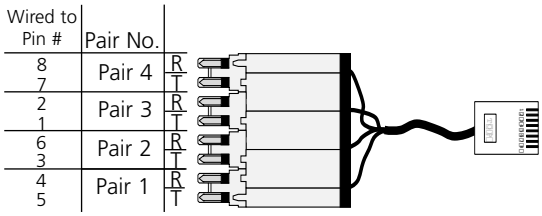
6647 2 753-*XX*



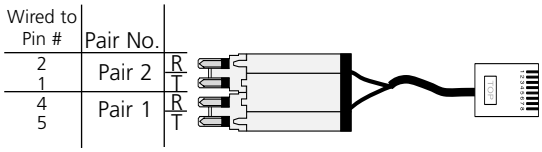
6647 2 752-*XX*



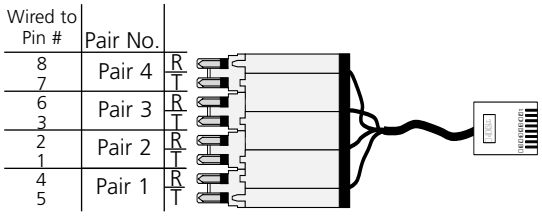
6647 2 762-*XX*



6647 2 750-*XX*



6647 2 782-*XX*



6647 2 751-*XX*

Ordering Information

Description	Catalog Number*
Series 2 plug to Series 2 plug *Quantity: 1*	
wired straight through, white cable	
1-pair	6647 2 000-*XX*
2-pair	6647 2 753-*XX*
4-pair	6647 2 752-*XX*
Series 2 plug to RJ45 (8P4C) plug *Quantity: 1*	
wired T568A, white cable	
2-pair	6647 2 762-*XX*
4-pair	6647 2 750-*XX*
Series 2 plug to RJ45 (8P4C) plug *Quantity: 1*	
wired T568B, white cable	
2-pair	6647 2 782-*XX*
4-pair	6647 2 751-*XX*

*Replace *XX* with:
04 = 4'
07 = 7'
10 = 10'
15 = 15'
25 = 25'
50 = 50'

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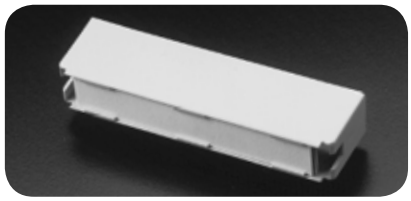
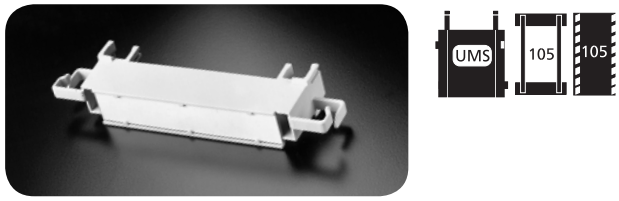
Complementary Products

Voice Grade Solutions: Series 2

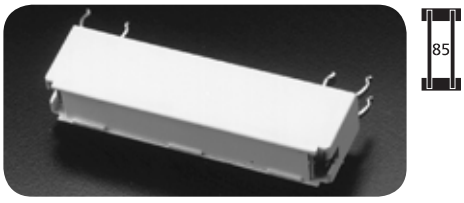
Series 2 Accessories: Labeling for Series 2 Blocks



Type 85 label holder

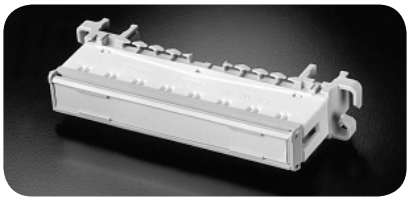


Type 105 label holder

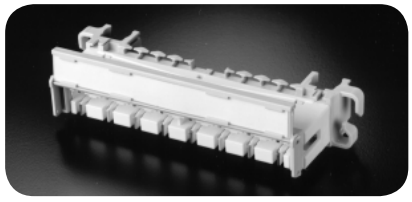


Type 85 rod mount label holder

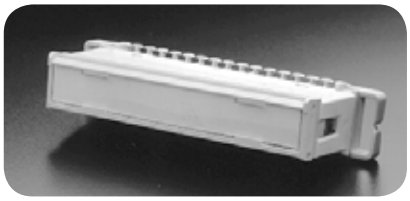
Type 85 label strip



Type 105 hinged closed

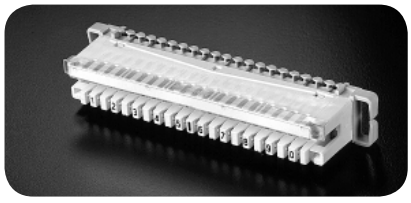


Type 105 hinged open



Type 85 closed

Type 85 open



Type 105 label strip, slotted

Side-mount label holder

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Accessories: Labeling for Series 2 Blocks

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Type 85 label holder *Quantity: 1* Mounts onto Type 85 mounting bracket; each holder requires 1 block position on a mounting bracket. Large printable space allows groupings based on application. Includes paper label, plastic carrier and accepts label catalog number: 6631 3 100-04	0.63" x 3.41" x 1.31" (16mm x 86.6mm x 33.27mm)	6036 2 018-00
Type 85 rod mount label holder *Quantity: 1* Mounts onto Type 85 rod mount bracket; each holder requires 1 block position. Includes paper label, plastic carrier and accepts label catalog number: 6631 3 100-02	0.63" x 3.41" x 1.31" (16mm x 86.6mm x 33.27mm)	6630 1 009-01
Type 85 hinged label holder *Quantity: 1* Recommended for jumpered environments. Snaps onto block face to provide hinged cover over block termination contacts and patch/test ports. Includes paper label, clear plastic protective cover for each side of hinged cover and accepts label catalog number: 6631 3 100-02. Cover flips up for patching, cross-connecting, testing and monitoring	0.63" x 3.5" x 0.63" (16mm x 88.9mm x 16mm)	6036 2 005-02
Side-mount label holder *Quantity: 1* Mounts onto side of either 8- or 10-pair Series 2 blocks. 2 side-mount label holders attach to each block; includes rectangular paper label with each holder	0.63" x 1" x 0.31" (16mm x 25.4mm x 7.9mm)	6462 2 016-00
Type 105 label holder *Quantity: 1* Includes jumper rings on both sides for additional wire management, paper label, plastic cover and accepts labels catalog number: 6631 3 106-*XX* Mounts onto Type 105 mounting bracket, Type 105 rod mount bracket or universal mounting system mounting bracket in Type 105 position. Each label holder requires one block position	0.81" x 5.63" x 1.31" (20.57mm x 143mm x 33.27mm)	6630 2 004-05
Type 105 hinged label holder *Quantity: 1* Recommended for jumpered environments. Snaps onto block face to provide hinged cover over block termination contacts and patch/test ports. Includes paper label, clear plastic protective cover for each side of hinged cover and accepts label catalog number: 6631 3 100-03. Cover flips up for patching, cross-connecting, testing and monitoring. *Extends 0.38" (9.7mm) from face of block*	0.63" x 4.31" x 0.63" (16mm x 109.47mm x 16mm)	6089 2 015-01
Type 105 slotted label strip *Quantity per Pack: 10* Snaps onto face of 10-pair Series 2 block; covers only top row of block and is fully visible with patch cords in place. Includes one slide-in paper label (Catalog Number: 6631 3 102-*XX*) or can be written on directly	0.81" x 4.25" x 0.88" (20.57mm x 107.9mm x 22mm)	6462 2 096-00

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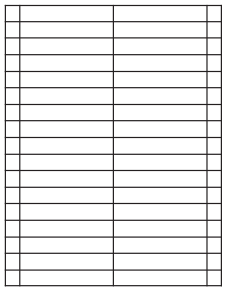
Complementary Products

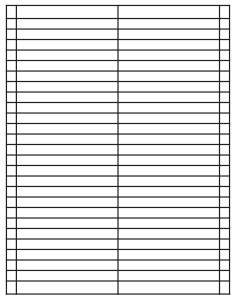
Voice Grade Solutions: Series 2

Series 2 Accessories: Labeling for Series 2 Blocks

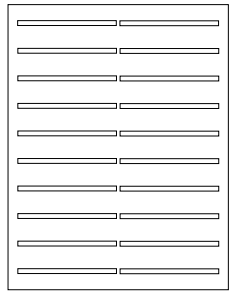
Examples of TIA/EIA-606 Color Coding	
Color	**Identifies**
Orange	Demarcation point (e.g., central office terminations)
Green	Network connections (e.g., network and auxiliary equipment)
Purple	Common equipment, PBX, LANs, multiplexers (e.g., switching and data equipment)
White	First level backbone (e.g., main cross-connect [MC (campus distributer[CD])] to a horizontal cross-connect [HC (floor distributer [FD])] or to an intermediate cross-connect [IC (building distributer [BD])])
Gray	Second level backbone (e.g., IC [BD] to a HC [FD])
Blue	Horizontal cable (e.g., horizontal connections to telecommunications outlets; formerly referred to as "station cable")
Brown	Interbuilding backbone (campus cable terminations) NOTE: Brown takes precedence over white or gray for interbuilding runs
Yellow	Miscellaneous (e.g., auxiliary, alarms, security)
Red	Reserved for future use (also, key telephone systems)
Based on ANSI/TIA/EIA-606-A, May 1, 2002	



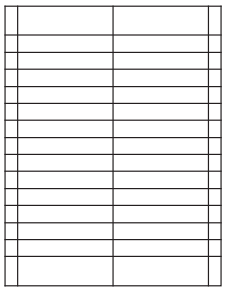
Label sheet for Type 85 label holder



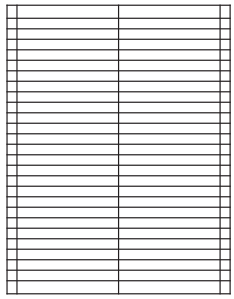
Label sheet for Type 85 rod mount/hinged label strip



Label sheet for Type 105 label strip



Label sheet for Type 105 label holder



Label sheet for Type 105 hinged label holder

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Accessories: Labeling for Series 2 Blocks

Ordering Information

Description	Catalog Number
Paper label sheet for Type 85 rod mount label holder Labels come pre-cut on a white, 8.5" x 11" sheet, with 30 labels per sheet; accommodate hand or laser printing *Quantity: 1 sheet per package*	6631 3 100-04
Paper label sheet for Type 85 label holder, hinged label holder or label strip Labels come pre-cut on a white, 8.5" x 11" sheet, with 50 labels per sheet; accommodate hand or laser printing *Quantity: 1 sheet per package*	6631 3 100-02
Paper label sheets in TIA/EIA-606 colors for Type 85 label holder, hinged label holder or label strip Labels come pre-cut on an 8.5" x 11" sheet with 50 labels per sheet; accommodate hand or laser printing *Quantity: 1 sheet per package*	6631 3 085-04
Paper label sheet for Type 105 hinged label holder Labels come pre-cut on a white 8.5" x 11" sheet, with 50 labels per sheet; accommodate hand or laser printing *Quantity: 1 sheet per package*	6631 3 100-03
Paper label sheets in TIA/EIA-606 colors for Type 105 hinged label holder Labels come pre-cut on an 8.5" x 11" sheet with 50 labels per sheet; accommodate hand or laser printing *Quantity: 1 sheet per package*	6631 3 105-*XX** Not available in -05 (brown) -06 (yellow) -07 (red) -08 (white)
Paper label sheet for Type 105 label holder Labels come pre-cut on a white 8.5" x 11" sheet, with 26 labels per sheet; accommodate hand or laser printing *Quantity: 1 sheet per package*	6631 3 106-*XX**
Paper label sheet for Type 105 label strip Labels come perforated on an 8.5" x 11" sheet, 20 labels per sheet; accommodate hand or laser printing. Available in all TIA/EIA-606 specified colors, two colors per sheet (one color on each side) *Quantity: 1 sheet per package*	
Orange, red	6631 3 102-01/09
Green, purple	6631 3 102-02/03
White, blue	6631 3 102-04/06
Gray, brown	6631 3 102-05/07
Yellow, white	6631 3 102-08

*Replace *XX* with:
00 = orange
01 = green
02 = purple
03 = gray
04 = blue
05 = brown
06 = yellow
07 = red
08 = white

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Complementary Products

Voice Grade Solutions: Series 2

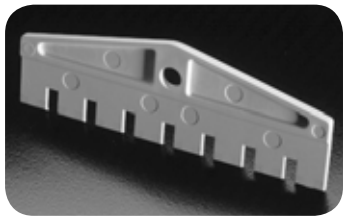
Series 2 Accessories

Disconnect plug

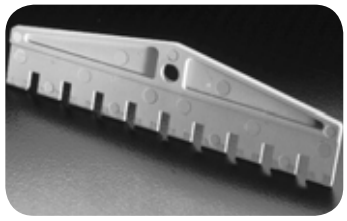
Flat-top dummy plug

Winged test adapter

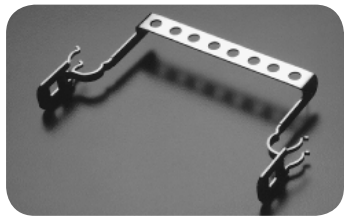
Signature device



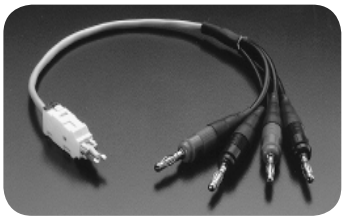
8-pair disconnect bar



10-pair disconnect bar



Cable clamp

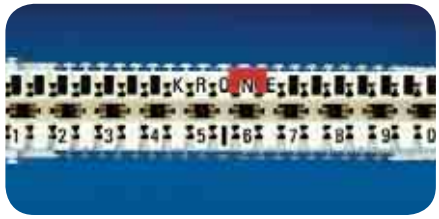


"Look-both-ways" test cord

Bridging test cord

One-pair site-mounted test cord

Dust cover, 200-pair



Marking caps

Ground clip

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: Series 2

Series 2 Accessories

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Disconnect plug *Quantity: 1* *(order in multiples of 100)* Color-coded plastic plugs plug into disconnect block to open a pair of contacts. Center hole for attaching ID tabs. Green **only**		6089 3 055-02
Flat-top dummy plugs *Quantity: 1* *(order in multiples of 100)* Color-coded, plastic dummy plugs designed to plug into disconnect block for quick identification of special circuits and to block port access. Surface for writing or attaching small adhesive stickers (not supplied). Center hole for attaching ID tabs		
Red		6417 3 105-00
White		6417 3 105-01
Blue		6417 3 105-07
Marking caps *Quantity: 1* *(order in multiples of 100)* Color-coded, plastic marking caps designed to snap over a block pair for quick identification of special circuits. Caps block access to prevent accidental removal of jumper wires, but do not interfere with patching		
Red		6089 3 006-00
White		6089 3 006-01
Blue		6089 3 006-07
Ground clips *Quantity: 1* Snap onto each end of 8- or 10-pair Series 2 rod mount block to ground to rod mount bracket. Used with connect-style blocks, allowing installation of 10-pair protection magazine when secondary protection is required		6089 3 202-00
Cable clamp *Quantity: 1* Used to ground 10-pair Series 2 block. Fits on back of 10-pair rod mount blocks to provide tie-off point for cable foil on braided shield	0.5" x 0.81" (12.7mm x 20.64mm)	6619 3 011-00
Disconnect bars *Quantity: 1* Plug into disconnect blocks to open all contacts simultaneously. For cutover and other applications requiring numerous service disconnects. Made of plastic. *Extend 0.44" (11.11mm) from face of block*		
8-pair disconnect bar	0.13" x 2.88" x 1" (22.23mm x 73.15mm x 25.4mm)	6418 3 405-00

Ordering information continues on the next page

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Complementary Products

Voice Grade Solutions: Series 2

Series 2 Accessories

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
200-pair dust cover *Quantity: 1* Protects (20) 10-pair Series 2 blocks. Greater depth to clear overvoltage protection magazines or other devices. Allows approximately 1.25" (31.75mm) clearance from face of block	17.75" x 5" x 2.75" (451mm x 127mm x 69.85mm)	6638 2 000-00
Winged test adapter *Quantity: 1* Allows monitoring of circuit without disruption in Series 2 blocks		6646 2 928-00
Signature device *Quantity: 25* Provides ability to remotely sectionalize subscriber line fault to either the customer or network side of installation site by bridging line at the customer's premises with voltage-level and voltage-polarity sensitive resistance. Provides signature for CO test equipment, even with customer side unterminated		6647 1 010-00
Test Cords		
Series 2 bridging test cord, 1-pair with 2 banana plugs *Quantity: 1* Used to test parallel to the circuit. Two banana plugs connect to test equipment		6646 2 900-*XX**
Series 2 "look-both-ways" test cord *Quantity: 1* Isolates cable side from jumper side for "look-both-ways" testing		
1-pair with 4 banana plugs		6647 2 900-*XX**
1-pair with 4 alligator clips		6647 2 906-*XX**
Series 2 1-pair site-mounted test cord *Quantity: 1* Monitor or "look-both-ways" test circuit with flip of a switch. Mounts on 1 position of back mount frame or directly a wall. Includes RJ11 jack to quickly isolate feeder or distribution network problems		6645 2 125-*XX**

*Replace *XX* with:
01 = 1'
04 = 4'
07 = 7'
10 = 10'

Complementary Products

Voice Grade Solutions: NT System

NT Termination Block System

Like the Series 2 termination block system, the NT system features 45-degree angled silver-plated contacts, built-in test ports and insulation clamping ribs to protect the termination against vibration and mechanical stresses.

The cable side (feed) contacts on the NT block are situated at a right angle on the back side of the block. After the cable side contacts have been terminated and the blocks installed, access to the cable side contacts is blocked, preventing accidental access to these contacts.

The NT mounting pitch of 0.69-inch (17.5mm) represents a vertical space saving of over 21 percent compared to standard Series 2 installations. Cable pairs are terminated with the KRONE insertion tool and a full line of accessories is available.

Features

- 100% compliant with Telcordia TR-NWT-001195
- UL 94V-0 plastic
- Available in disconnect, switching, connect contact styles
- >200 IDC reterminations guaranteed
- >750 test cord insertions guaranteed
- 21% vertical space saving compared to Series 2
- Prevents accidental access to cable side contact during cross-connect work
- Wire diameter range for solid and stranded copper conductors
  - 2 conductors per contact (same diameter) 22-26 AWG
  - 1 conductor per contact 22-26 AWG

NT connect block

NT marking cap

NT hinged label holder (closed)

NT hinged label holder (open)

NT label holder

NT back mount frame

NT disconnect block

NT switching block

NT disconnect plug

Ordering information follows on the next page

Complementary Products

Voice Grade Solutions: NT System

NT Termination Block System

Ordering Information

Description	Catalog Number
10-pair NT disconnect block *Quantity: 1 (order in multiples of 10)* Normally closed contact. Snaps into NT back mount frame	7014 1 004-03
10-pair NT footprint ground block *Quantity: 1 (order in multiples of 10)* Terminates up to 20 drain wires. Snaps into NT back mount frame	7014 1 005-00
NT to Series 2 adapter *Quantity: 1* Accepts any standard single pair Series 2 test cord for NT testing	7014 1 014-00
Black NT dummy plug *Quantity: 1 (order in multiples of 100)* Inserts into test/patch port of NT block for quick identification of special circuits. Plugs block access to pair and prevent accidental removal of jumper wires	7014 3 049-00
Red NT marking caps *Quantity: 1 (order in multiples of 100)* Snaps over block pair for quick identification of special circuits. Blocks access to pair and prevents accidental removal of jumper wires	6196 3 042-00
Red NT disconnect plug *Quantity: 1 (order in multiples of 100)* Insert into patch/test port of NT block to open (disconnect) circuit	7014 3 021-00
NT 10-pair hinged label holder *Quantity: 1* Snaps onto 10-pair NT block face to provide hinged cover over block termination contacts and patch/test ports. Includes label for each side of hinged cover, clear plastic protective cover. Cover flips up for testing, patching, cross-connection	7014 2 007-00
NT 10-pair label holder *Quantity: 1* Requires 1 block position on NT back mount frame. Includes compartment for storing dummy plugs, marking caps, disconnect plugs	7014 2 006-00
NT 1-pair site mounted test cord *Quantity: 1* Mounts on 1 position of back mount frame or directly on wall	6645 2 126-*XX*[1]
NT 1-pair "look-both-ways" test cord *Quantity: 1* *XXX* = length of test cord in feet 001 = 0.3 m (1') 004 = 1.2 m (4'), 007 = 2.1 m (7') 010 = 3 m (10')	ANP-12NBAS-*XXX*
NT changeover adapter *Quantity: 1 (Order in multiples of 10)*	7014 1 044-00

[1] Replace *XX* with:
01 = 1'
04 = 4'
07 = 7'
10 = 10'

Ordering information continues on the next page

Complementary Products

Voice Grade Solutions: NT System

NT Termination Block System

Ordering Information

Description	Catalog Number
5-position NT back mount frame *Quantity: 1* 50-pair capacity; includes space for label holder	
Solid back	6655 2 850-05
Cable entry holes (1.75" diameter: 1.5" with protective rubber grommet)	6655 2 851-05
10-position NT back mount frame *Quantity: 1* 100-pair capacity; includes space for label holder	
Solid back	6655 2 850-10
Cable entry holes (1.75" diameter: 1.5" with protective rubber grommet)	6655 2 851-10
20-position NT back mount frame *Quantity: 1* 200-pair capacity; includes space for label holder	
Solid back	6655 2 850-20
Cable entry holes (1.75" diameter: 1.5" with protective rubber grommet)	6655 2 851-20
30-position NT back mount frame *Quantity: 1* 300-pair capacity; includes space for label holder	
Solid back	6655 2 850-30
Cable entry holes (1.75" diameter: 1.5" with protective rubber grommet)	6655 2 851-30

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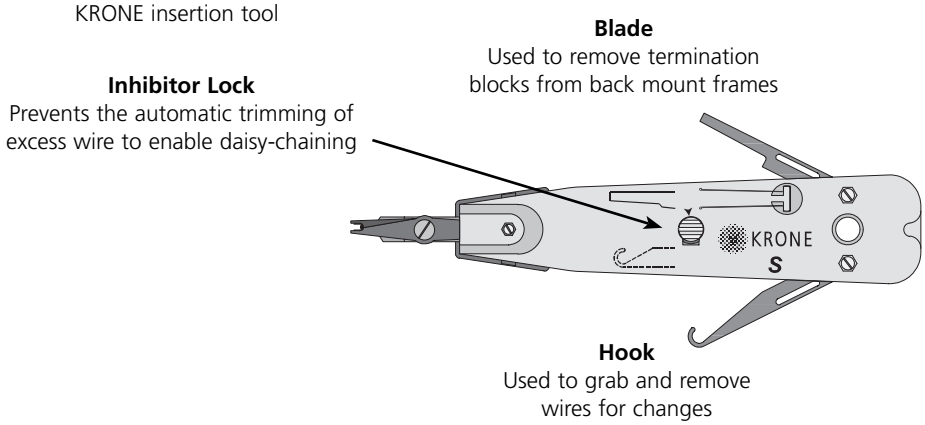
Complementary Products

Voice Grade Solutions: Accessories

LSA Plus Insertion Tool

KRONE insertion tool



Features

- Insertion sensor ensures the conductor is fully inserted into the block contacts before allowing any excess wire to be cut off
- An inhibitor lock prevents the scissors from operating—particularly useful in applications in which conductors are daisy-chained through several contacts
- Universal scissors cut a variety of cable types, including 20 AWG through 26 AWG and Type 1 foam-insulated conductors
- Specially designed wire hook removes terminated conductors
- Blade helps to remove blocks easily from back mount frames

Ordering Information

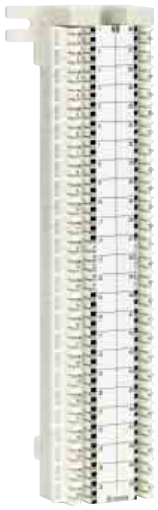
Description	Catalog Number
Insertion tool *Quantity: 1*	6417 2 055-01
Disposable tool *Quantity: 1* Terminates wire into contact, will not cut excess wire; snips required to cut off excess wire	6417 3 006-01

Complementary Products

Voice Grade Solutions: 89D Style

89D Style 25-Pair and 50-Pair Termination Blocks and Assemblies

25-pair block



50-pair block

5-pair block

Features

- Upgrade from 66-type technology
- Unique center port allows monitoring and "look-both-ways" testing without disturbing IDC
- Double the density at the demarcation point
- Available in traditional 25- and 50-pair increments
- Fits 89D-style mounting brackets
- Preterminated blocks available with a range of connector styles and positioning options
- The K110 feature enables the termination of wire with either the KRONE insertion tool or any industry-standard punchdown tool with a 110 blade. Please note, the 5-pair disconnect block is not K110 compatible.

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block assembly *Quantity: 1* Field-terminated disconnect block; snaps into 89D bracket; includes label for empty half	10" x 3.38" x 1.38" (254mm x 85.85mm x 35.05mm)	6639 1 003-01
50-pair disconnect block assembly *Quantity: 1* Field-terminated disconnect block; snaps into 89D bracket; includes label and label holder	10" x 3.38" x 1.38" (254mm x 85.85mm x 35.05mm)	6652 1 880-10
5-pair disconnect block *Quantity: 1* Field-terminated disconnect block; mounts directly to wall or in an enclosure. **This block is not K110 compatible**	2" x 2" x 1.25" (50.8mm x 50.8mm x 31.8mm)	6585 2 002-00

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Complementary Products

Voice Grade Solutions: 89D Style

89D Style Preterminated 25-Pair Blocks

25-Pair Disconnect Block with 25-Pair Female Telco (RJ-21X) Connector

25-pair disconnect block with Telco connector

Features

- Used at demarcation points
- 25-pair block preterminated to 25-pair female Telco connector for customer interface
- Mounts to wall or in mounting frame
- Quantity: 1

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with 25-pair female Telco (RJ-21X) connector	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-02

25-Pair Disconnect Block with RJ-71C

25-pair disconnect block with RJ-71C connector

Features

- For applications in which telephone service is provided in conjunction with apartment building door answering system
- Provides 12-line series connection with door answering system
- Shorting plug provided to test loop continuity or to bypass the answering system
- Mounts to wall or in mounting frame
- Quantity: 1

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with RJ-71C	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-04

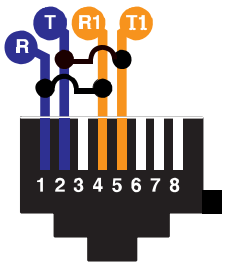
Complementary Products

Voice Grade Solutions: 89D Style

89D Style Preterminated 25-Pair Blocks

25-Pair Disconnect Block with 8 RJ48X Connectors

25-pair disconnect block
with 8 RJ48X connectors



RJ48X

Features

- Connects T1 lines and other 4-wire circuits
- The RJ48X is an 8-position keyed modular jack. Pins 1, 2, 4 and 5 are preterminated to the disconnect block. When RJ plug is removed, pin 1 shorts to pin 4 and pin 2 shorts to pin 5 via a shorting bar located in the jack. When a plug is inserted, the shorts are removed
- For shielded cable applications, pins 7 and 8 of the jack are also pretermintaed to the block (slate and brown conductors) so a common drain wire connection can be maintained throughout the circuit
- Mounts to wall or in mounting frame
- Quantity: 1

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with 8 RJ48X connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-03

Complementary Products

Voice Grade Solutions: 89D Style

89D Style Preterminated 25-Pair Blocks

25-Pair Disconnect Block with 12 RJ48S Connectors

Features

- Connects T1 lines and other 4-wire circuits
- The RJ48S is an 8-position keyed modular jack with pins 1, 2, 7 and 8 preterminated to the disconnect block
- Mounts to wall or in mounting frame
- Quantity: 1

25-pair disconnect block with 12 RJ48S connectors

RJ48S

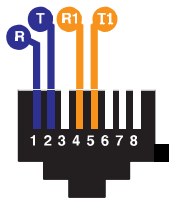
Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with 12 RJ48S connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-05

25-Pair Disconnect Block with 12 RJ48C Connectors

Features

- Connects T1 lines and other 4-wire circuits
- The RJ48C is an 8-position keyed modular jack with pins 1, 2, 4 and 5 preterminated to the disconnect block
- Mounts to wall or in mounting frame
- Quantity: 1



RJ48C

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with 12 RJ48C connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-18

Complementary Products

Voice Grade Solutions: 89D Style

89D Style Preterminated 25-Pair Blocks

25-Pair Disconnect Block with 12 RJ48S and 25-Pair Female Telco (RJ-21X) Connector

Features

- Connects T1 lines and other 4-wire circuits
- The RJ48S is an 8-position keyed modular jack with pins 1, 2, 7 and 8 preterminated to the disconnect block
- 25-pair female Telco (RJ-21X) connector is preterminated to the disconnect block, eliminating the need for field termination
- Mounts to wall or in mounting frame
- Quantity: 1

25-pair disconnect block with 12 RJ48S connectors and Telco connector

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with 12 RJ48S and 25-pair female Telco (RJ-21X) connector	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-07

25-Pair Disconnect Block with 12 RJ14C and 25-Pair Female Telco (RJ-21X) Connector

Features

- Used for bridged connections to the tip and ring conductors of 2 separate telephone lines
- The RJ14C is a 6-position modular jack with pins 2, 3, 4 and 5 preterminated to the disconnect block
- The 25-pair female Telco (RJ-21X) connector is preterminated to the disconnect block, eliminating the need for field termination
- Mounts to wall or in mounting frame
- Quantity: 1

25-pair disconnect block with 12 RJ14C connectors and Telco connector

RJ14C

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair disconnect block with 12 RJ14C and 25-pair female Telco (RJ-21X) connector	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 003-06

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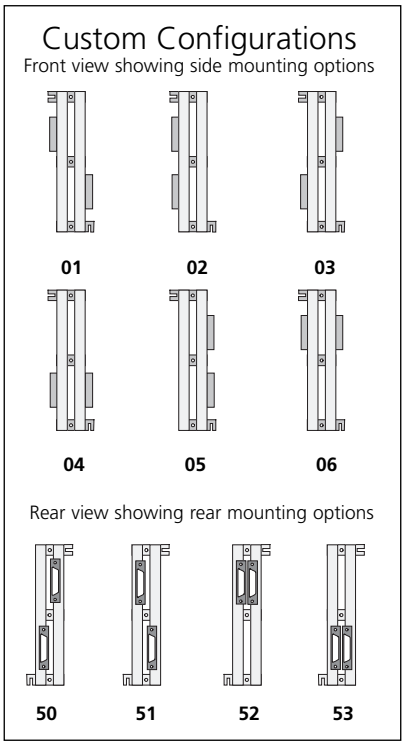
Complementary Products

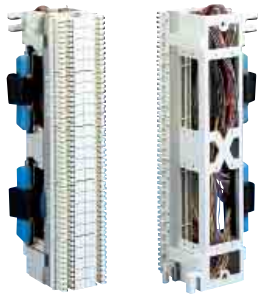
Voice Grade Solutions: 89D Style

89D Style Preterminated 50-Pair Blocks

50-Pair Disconnect Block with (2) 25-Pair Telco (RJ-21X) Connectors



Configuration/01: Connectors top left, bottom right



Configuration/02: Both connectors on left side

Features

- Used at demarcation points
- Disconnect block is preterminated to (2) 25-pair female or male Telco (RJ-21X) connectors for customer interface
- Includes 89D bracket, hook-and-loop fastener locks, label and label holder
- Blocks can be custom configured: Use chart on this page, substituting the 2-digit number for "01" at the end of the catalog number
- Mounts directly to wall or in mounting frames
- Quantity: 1

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with (2) 25-pair **female** Telco (RJ-21X) connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 051-02/01
50-pair disconnect block with (2) 25-pair **male** Telco (RJ-21X) connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 050-02/01

Tech Tip

When wiring 50-pair blocks with 4-pair data cable, you do not need to skip every fifth pair for patching purposes. In a jumpered environment, terminate all 25 pairs on each side.

Complementary Products
Voice Grade Solutions: 89D Style

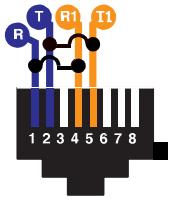
89D Style Preterminated 50-Pair Blocks

50-Pair Disconnect Block with 16 RJ48X Connectors

Features

- The RJ48X is an 8-position keyed modular jack with pins 1, 2, 4 and 5 preterminated to the disconnect block. When RJ plug is removed, pin 1 shorts to pin 4 and pin 2 shorts to pin 5 via a shorting bar located in the jack. When a plug is inserted, the shorts are removed
- Mounts directly to wall or in mounting frames
- Quantity: 1

50-pair disconnect block with 16 RJ48X connectors



RJ48X

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with 16 RJ48X connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 050-32

50-Pair Disconnect Block with 16 RJ48X Connectors Modified for Shielded Applications

Features

- Connects T1 lines and other 4-wire circuits
- The RJ48X is an 8-position keyed modular jack with pins 1, 2, 4 and 5 preterminated to the disconnect block
- For shielded cable applications, pins 7 and 8 of the jack are preterminated to the block (slate and brown conductors) so a common drain wire connection can be maintained throughout the circuit
- Mounts directly to wall or in mounting frames
- Quantity: 1

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with 16 RJ48X connectors modified for shielded applications	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 050-33

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Complementary Products

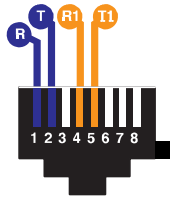
Voice Grade Solutions: 89D Style

89D Style Preterminated 50-Pair Blocks

50-Pair Disconnect Block with 16 RJ48C Connectors

Features

- Connects T1 lines and other 4-wire circuits
- The RJ48C is an 8-position keyed modular jack with pins 1, 2, 4 and 5 preterminated to the disconnect block
- Mounts directly to wall or in mounting frames
- Quantity: 1



RJ48C

Ordering Information

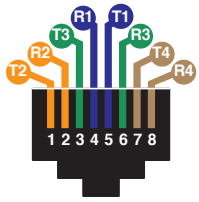
Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with 16 RJ48X connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 050-44

50-Pair Disconnect Block with 12 RJ45 Connectors

Features

- The RJ45 is an 8-position keyed modular jack with pins 5, 4, 1, 2, 3, 6, 7 and 8 (wired TIA 568-B) preterminated to the disconnect block
- Includes label and label holder
- Mounts directly to wall or in mounting frames
- Quantity: 1

50-pair disconnect block with 12 RJ45 connectors



T568B

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with 12 RJ45 connectors	10" x 3.38" x 2.88" (254mm x 85.85mm x 73mm)	6639 1 052-01

Complementary Products
Voice Grade Solutions: 89D Style

89D Style Preterminated 50-Pair Blocks

50-Pair Disconnect Block with ARMM Stub

Features

- Incoming cable pairs are preterminated to ARMM (24 AWG, CMR) cable
- 15-foot cable stub exits through top of 89D bracket
- Includes label and label holder
- Quantity: 1

50-pair disconnect block with ARMM stub

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with ARMM Stub—15'	10" x 3.38" x 2.88" (254mm x 85.85mm x 73.15mm)	6639 1 056-01/15

50-Pair Disconnect Block with ARMM Stub and (2) 25-Pair Male Telco (RJ-21X) Connectors

Features

- Incoming cable pairs are preterminated to ARMM (24 AWG, CMR) cable
- 20-foot cable stub exits through top of 89D bracket
- Two 25-pair male Telco (RJ-21X) connectors are preterminated to the disconnect block, eliminating need for field termination
- Includes label and label holder
- Quantity: 1

50-pair disconnect block with ARMM stub and connectors

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair disconnect block with ARMM stub and (2) 25-pair male Telco (RJ-21X) connectors. Cable stub: 20'	10" x 3.38" x 2.88" (254mm x 85.85mm x 73.15mm)	6639 1 056-00/20

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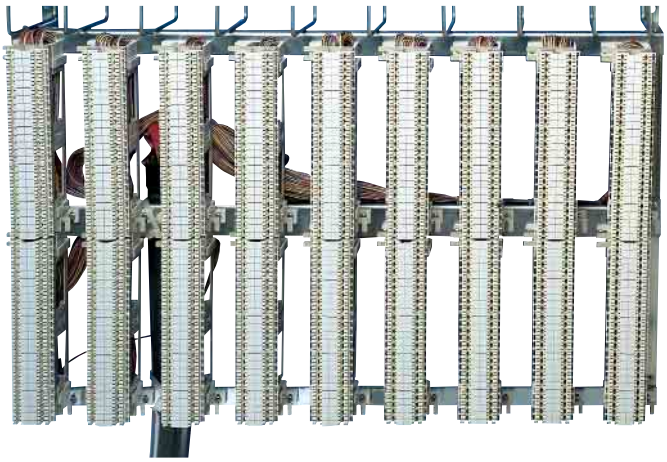
Complementary Products

Voice Grade Solutions: 89D Style

89D Style Preterminated 50-Pair Blocks with Stubs

Disconnect Frame with ARMM Stub



900-pair disconnect frame with ARMM stub

Features

- Incoming cable pairs of each block are preterminated to a 600- or 900-pair ARMM (24 AWB, CMR) cable
- Cable stubs exit through bottom of frame
- Frame is equipped with (18) 50-pair disconnect blocks mounted on 89D brackets
- Includes label holders and labels
- Mounts directly to wall or in standard 35.5" (901.7mm) equipment rack

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
600-pair disconnect frame with ARMM stub	23" x 23" x 7" (584mm x 584mm x 178mm)	
with 25' ARMM stub		6639 1 600-00/25
with 50' ARMM stub		6639 1 600-00/50
900-pair disconnect frame with ARMM stub	23" x 35" x 7" (584mm x 889mm x 178mm)	
with 25' ARMM stub		6639 1 900-00/25
with 50' ARMM stub		6639 1 900-00/50

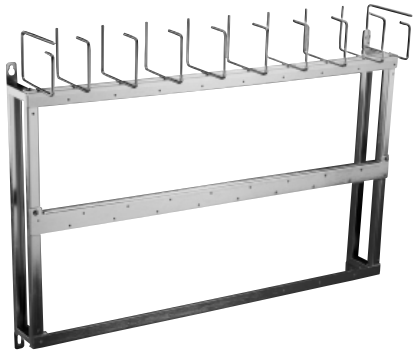
Complementary Products

Voice Grade Solutions: 89D Style

89D Style Mounting Frames

These mounting frames are for 25-pair and 50-pair block systems only. They are specifically designed to accept 89D type brackets.

19" wide mounting frame for 25- and 50-pair block systems



35.5" wide mounting frame for 25- and 50-pair block systems

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
19" mounting frame *Quantity: 1* Supports up to (10) 25- or 50-pair blocks on 89D brackets. Equipped with 6 jumper rings for cross-connect wire and/or patch cord routing	26.38" x 19.25" x 6.5" (670mm x 589mm x 159mm)	
Without 89D brackets		6652 2 104-00
With (10) 89D brackets		6652 2 104-10
23" mounting frame *Quantity: 1* Supports up to (12) 25- or 50-pair blocks on 89D brackets. Equipped with 7 jumper rings for cross-connect wire and/or patch cord routing	26.38" x 23" x 6.5" (670mm x 589.6mm x 159mm)	
Without 89D brackets		6652 2 108-00
With (12) 89D brackets		6652 2 108-12
35.5" mounting frame *Quantity: 1* Supports up to (18) 25- or 50-pair blocks on 89D brackets. Equipped with 10 jumper rings for cross-connect wire and/or patch cord routing	26.38" x 35.5" x 6.5" (670mm x 901.7mm x 159mm)	
Without 89D brackets		6652 2 105-00
With (18) 89D brackets		6652 2 105-18

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Complementary Products

Voice Grade Solutions: 89D Style

89D Style Termination Block Accessories

50-pair label holder

Clear dust cover
(shown on 50-pair block)

Hinged dust cover
(closed)

Hinged dust cover
(right side open)

89D bracket

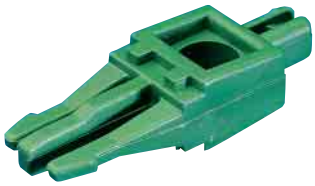
Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
50-pair block center mount label holder *Quantity: 1* Snaps into center section of 50-pair block to cover cable side terminations	9.88" x 0.88" (250.9mm x 22.4mm)	6639 3 019-00
Clear dust cover *Quantity: 1* Clear, protective plastic dust cover snaps over 50-pair block. Accepts adhesive paper label strip	10.06" x 2.5" x 1.38" (255.5mm x 63.5mm x 35.05mm)	6586 3 004-00
Paper labeling strip for 50-pair dust cover *Quantity: 1*	9.75" x 2.13" (247.65mm x 54.1mm)	6639 3 019-01
Hinged dust cover *Quantity: 1* Designed for 50-pair block; left and right sides swing open independently for access; labeling areas inside both sides of cover; includes 2 snap-in legs and covers Color: orange	10.06" x 2.5" x 1.38" (255.5mm x 63.5mm x 35.05mm)	6639 2 004-00
89D bracket for 25- and 50-pair blocks *Quantity: 1* Standard 89D stand-off bracket mounts to mounting frame or directly to wall	10" x 3.38" x 1.5" (254mm x 85.85mm x 38.1mm)	6639 3 016-00

Complementary Products

Voice Grade Solutions: 89D Style

89D Style Termination Block Accessories



Disconnect plug

Flat-top dummy plug

Ordering Information

Description	Catalog Number
Disconnect plug *Quantity: 1 (order in multiples of 100)* Color-coded plastic plugs plug into disconnect block to open a pair of contacts. Center hole for attaching ID tabs. Green **only**	6089 3 055-02
Flat-top dummy plugs *Quantity: 1 (order in multiples of 100)* Color-coded, plastic dummy plugs designed to plug into disconnect block for quick identification of special circuits and to block port access. Surface for writing or attaching small adhesive stickers (not supplied). Center hole for attaching ID tabs	
Red	6417 3 105-00
White	6417 3 105-01
Blue	6417 3 105-07

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Indoor Fiber Distribution Terminal

ADC's OmniReach® Indoor Fiber Distribution Terminal (iFDT) provides Multiple Dwelling Unit (MDU) applications with a compact and secure family of enclosures by connecting fiber cables at MDUs. The IFDT products are designed to splice and terminate fibers in a range of sizes including 6, 12, 24, and 48 fibers.

6-Port

12-Port

24-Port

48-Port

Features and Benefits

- Integrated splice tray offers flexible splice management for individual or mass splicing
- Sealed enclosure protect fibers from dust, water spray, insects and other contaminants
- Dual-hinged design ensures separation of owner/client network segments
- NEMA-12 Rated
- Tested to GR-2898-CORE
- Front and rear layer maximizes wall space utilization for both splicing and interconnect
- Robust steel construction protects fibers against damage and ensures network reliability
- Slotted cable entrance ports allow for rapid cable installation and pass-through capability
- Cable management and routing limits bend radius and adds strain relief
- 216-Tool (can wrench), key lock or padlock offers flexible security options

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

	IFDT-6	IFDT-12	IFDT-24	IFDT-48
Fibers	6	12	24	48
Parking Adapters	6	12	24	48
Splice Trays	1/12f	1/12f	4/12f	8/12f
Grip Clamps	1	1	1	1
Jumper Ports	1	3	3	3
NEMA Rating	12	12	12	12
Height	7.0 in. (17.8 cm)	8.0 in. (20.3 cm)	18.5 in. (47.0 cm)	32.0 in. (81.3 cm)
Width	12.0 in. (30.5 cm)	14.0 in. (35.5 cm)	13.0 in. (33.0 cm)	13.0 in. (33.0 cm)
Depth	3.0 in. (7.6 cm)	5.0 in. (12.7 cm)	5.0 in. (12.7 cm)	5.0 in. (12.7 cm)
Color	CO White	CO White	CO White	CO White

Catalog Number

FDT- _ _ _ _ _ _ _ _ _ _

Enclosure Type / Max Capacity

Code	Desc.	w/Prkg	w/o Prkg
A	IFDT-6/12	6-Fiber	12-Fiber
B	IFDT-12/24	12-Fiber	24-Fiber
C	IFDT-24/48	24-Fiber	48-Fiber
E	IFDT-48/96	48-Fiber	96-Fiber

Connector Type

J	SC/APC

Splice Tray

0	No Tray
2	Heat Shrink Fusion
3	Mechanical/Ribbon

Fiber Count

06	6 Fiber
12	12 Fibers
24	24 Fibers
48	48 Fibers
96	96 Fibers

Stub Length

000	0 Feet
025	25 Feet
100	100 Feet
200	200 Feet
300	300 Feet
500	500 Feet

Cable Type

Pigtails	
A	Bare Rbn Pgtl Assy
C	Pigtails (Colored)
Stubs	
S	Ribbon OSP w/Conn
R	Ribbon IFC w/Conn
T	Loose Tube OSP w/Conn
V	Loose Tube IFC w/Conn

Pigtails

P	Pigtails (2mm)
X	No Pigtails

Parking

P	Parking
N	No Parking

Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Indoor Fiber Distribution Terminal

The ADC Indoor Fiber Distribution Terminal (IFDT) series provides Customer Premises Equipment applications with a compact and secure family of enclosures for connecting fiber cables within building entrance locations, communication closets, computer rooms and other indoor environments. The IFDT products are designed to splice and terminate fibers in a range of sizes including 6, 12, 24, 48, 72, and 96 fibers.

Features

- 12-Packs provide for high-density terminations and conserve wall space
- Integrated splice tray offers flexible splice management for individual or mass splicing
- Sealed enclosure protect fibers from dust, water spray, insects and other contaminants
- Dual-hinged design ensures separation of owner/client network segments
- Designed to NEMA-12
- Designed to GR-2898-CORE
- Front and rear layer maximizes wall space utilization for both splicing and interconnect
- Robust steel construction protects fibers against damage and ensures network reliability
- Slotted cable entrance ports allow for rapid cable installation and pass-through capability
- Cable management and routing limits bend radius and adds strain relief
- 216-Tool (can wrench), key lock or padlock offers flexible security options

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Specifications

	IFDT-12	IFDT-24	IFDT-48	IFDT-72	IFDT-96
Fibers (nominal)	6 and 12	24	48	72	96
Adapter Panels	2 APLH	2 APLH	4 APLH	6 APLH	8 APLH
Splice Trays	1/12f	2/12f	4/12f	6/12f	8/12f
Cable Ports	2 slotted	4 slotted	4 slotted	4 slotted	4 slotted
Grip Clamps	2	4	4	4	4
Jumper Ports	2 slotted	2 slotted	2 slotted	2 slotted	2 slotted
NEMA Rating	12	12	12	12	12
Height	7.0 in. (17.8 cm)	8.0 in. (20.3 cm)	18.5 in. (47.0 cm)	24.5 in. (62.2 cm)	32.0 in. (81.2cm)
Width	12.0 in. (30.5 cm)	14.0 in. (35.5 cm)	13.0 in. (33.0 cm)	13.0 in. (33.0 cm)	13.0 in. (33.0 cm)
Depth	3.0 in. (7.6 cm)	5.0 in. (12.7 cm)	5.0 in. (12.7 cm)	5.0 in. (12.7 cm)	5.0 in. (12.7 cm)
Weight (Empty)	5.0 lbs (2.3 kg)	7.0 lbs (15.4 kg)	12.8 lbs (28.2 kg)	16.0 lbs (35.2 kg)	20.0 lbs (44 kg)
Color	CO White	CO White	CO White	CO White	CO White

Catalog Number

FDT- ___ ___ ___ ___ N X ___ ___

Enclosure Type/Capacity

A	IFDT-12	12 Fiber
B	IFDT-24	24 Fiber
C	IFDT-48	48 Fiber
D	IFDT-72	72 Fiber
E	IFDT-96	96 Fiber

Connector Type

N	SC/UPC
J	SC/APC

Splice Tray

0	No Tray
2	Heat Shrink Fusion
3	Mechanical/Ribbon

Fiber Count

06	6 Fiber
12	12 Fiber
24	24 Fiber
48	48 Fiber
72	72 Fiber
96	96 Fiber

Stub Length

000	0 Feet
025	25 Feet
100	100 Feet
200	200 Feet
300	300 Feet
500	500 Feet

Cable Type

Pigtails	
A	Bare ribbon pigtail assy
C	Pigtails (Colored)
Stubs	
S	Ribbon OSP w/Conn
R	Ribbon IFC w/Conn
T	Loose Tube OSP w/Conn
V	Loose Tube IFC w/Conn

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Outdoor Fiber Distribution Terminal 24 (OFDT-24)

The Outdoor Fiber Distribution Terminals 24 are designed to terminate, splice and interconnect fiber optic cables in an outdoor environment. This terminal may be adapted to Fiber-to-The-Premise (FTTP) Multiple Dwelling Unit (MDU) applications and is particularly suited for garden style MDU buildings. The enclosure is mounted to the exterior surface of a dwelling and connects the distribution cable and drops routed to individual living units. The cables meet at a central connector field that includes termination for the distribution cable and parking for the drop cables. The cabinet may be configured with splice trays for splicing the cable to connector pigtails. The OFDT-24 may be pre-terminated on the distribution side with outside plant cable stubs so that the unit is quickly connected to the plant. The OFDT-24 may also be pre-wired with pigtails on the drop side so that individual drops routed into the unit can be spliced to the connectorized pigtails.

Features and Benefits

- Accommodates smaller fiber counts; 6-, 12- and 24-fiber
- Eliminates need for transitional NEMA box that provides for mini-ducts
- Liquid tight fittings offer cost savings
- Aesthetic benefits to MDU building owners
- Supplied with parking, pigtails and splice tray
- Wall-mount; efficient use of wall space
- Cable termination and splicing
- Complete connector access
- Lockable 216 tool/padlock offers flexible security options
- Environmental enclosure provides heavy-duty protection from wind, dust, rain, and other contaminants
- Aluminum welded construction provides strength and resists corrosion
- Lightweight structure provides for easy installation
- Cable entrance ports seal cable at entry
- Cable management and routing limits radius and adds strain relief
- Standard stub lengths of 100, 300, 500, and 1000 feet

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Specifications

Height:	13.5" (35.0 cm)
Width:	19.0" (49.0 cm)
Depth:	8.0" (20.0 cm)
Weight (Empty):	14 lbs (31 kg)
Fiber Terminations:	6, 12, 24
Parking Adapters:	6, 12, 24
Splice Trays:	3
Cable Ports:	2 in bottom; 1 in rear
Color:	Beige

Ordering Information

Catalog Number

FDT- _ _ _ _ _ _ _ _ _ _

Enclosure

G	OFDT-24

Connector Type

J	SC/APC

Splice Tray

0	No Tray
2	Heat Shrink Fusion
3	Mechanical/Ribbon

Fiber Count

06	6 Fiber
12	12 Fibers
24	24 Fibers

Parking

P	Parking
N	No Parking

Stub Length

000	0 Feet
025	25 Feet
100	100 Feet
200	200 Feet
300	300 Feet
500	500 Feet

Cable Type

Pigtails	
A	Bare Ribbon Pigtail Assembly
C	Pigtails (Colored)
Stubs	
S	Ribbon OSP w/Conn
R	Ribbon IFC w/Conn
T	Loose Tube OSP w/Conn
V	Loose Tube IFC w/Conn

Pigtails

P	Pigtails (2mm)
X	No Pigtails

Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Outdoor Fiber Distribution Terminal 48 (oFDT-48)

The ADC Outdoor Fiber Distribution Terminal 48F (oFDT-48) is designed to terminate, splice and interconnect fiber optic cables in an outdoor environment. This terminal may be adapted to Fiber-to-The-Premise (FTTP) Multiple Dwelling Unit (MDU) applications by mounting the enclosure to the exterior surface of a dwelling and connecting between the distribution cable and drops routed to individual living units. The oFDT-48 is typically divided into two side-by-side sections with distribution cable routed into one side and drop cable routed into the other side. The cables meet at a central connector field that includes termination for the distribution cable and parking for the drop cables. Each side of the cabinet may be configured with splice trays for splicing the cable to connector pigtails. The oFDT-48 may be pre-terminated on the distribution side with outside plant cable stubs so that the unit is quickly connected to the plant. The oFDT-48 may be pre-wired with pigtails on the drop side so that individual drops routed into the unit can be spliced to the connectorized pigtails.

Features and Benefits

- Environmental enclosure provides heavy-duty protection from wind, rain, and other contaminants
- Aluminum welded construction provides strength and resists corrosion
- Flexible design accommodates 24 and 48 fibers including termination and parking
- Lightweight structure provides for easy installation
- Lockable tool or padlock offers flexible security options
- Cable entrance ports seal cable at entry
- Cable management and routing limits radius and adds strain relief

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Specifications

	oFDT-48
Height	22.0 in (56 cm)
Width	20.0 in (51 cm)
Depth	10.0 in (25 cm)
Weight (Empty)	21.0 lbs (46 kg)
Fiber Terminations	Up to 48
Parking Adapters	12, 24 or 48
Splice Trays	1 to 4/side
Cable Ports	2 on bottom
Color	Beige

Ordering Information

Catalog Number

FDT- ___ ___ ___ ___ ___ ___ ___ ___ ___

Enclosure	
F	OFDT-48

Connector Type	
J	SC/APC

Splice Tray	
0	No Tray
2	Heat Shrink Fusion
3	Mechanical/Ribbon

Fiber Count	
24	24 Fibers
48	48 Fibers

Parking	
P	Parking
N	No Parking

Pigtails	
P	Pigtails (2mm)
X	No Pigtails

Cable Type	
Pigtails	
A	Bare Ribbon Pigtail Assembly
C	Pigtails (Colored)
Stubs	
S	Ribbon OSP w/Conn
R	Ribbon IFC w/Conn
T	Loose Tube OSP w/Conn
V	Loose Tube IFC w/Conn

Stub Length	
000	0 Feet
025	25 Feet
100	100 Feet
200	200 Feet
300	300 Feet
500	500 Feet

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Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Fiber Splitter Box (FSB)

ADC's OmniReach® Fiber Splitter Box (FSB) enables customers to accelerate their FTTX deployments more effectively and is an ideal solution when deploying FTTX networks in non-residential Multiple Tenant Unit (MTU) and residential Multiple Dwelling Unit (MDU) applications.

These wall boxes provide a small footprint for splitting, splicing and terminating and are environmentally rated for indoor or outdoor use. Available in three sizes, each box is equipped with a 12-fiber splice tray allowing for an input splicing option. FSB's accept standard plug and play (PNP) splitters (same as in the Fiber Distribution Hub 3000 or FDH 3000) and splitters can be easily added after the wall box has been installed. FSB's accommodate 1x4, 1x8, 1x16 and 1x32 splitters; up to 72 fibers.

FSB-16 - Indoor/Outdoor Enclosure

Features and Benefits

- Accommodates up to 16 ports
- Rated for indoor or outdoor use
- Traditional swing frame design allows for access to the back section of the wall box
- Splitter can be easily installed after wall box install
- Standard 12-fiber splice tray allows for input splicing option
- Output pigtails can either be stored internally or routed externally for MDU-ONT connection
- Accepts standard PNP splitter (same as FDH 3000)

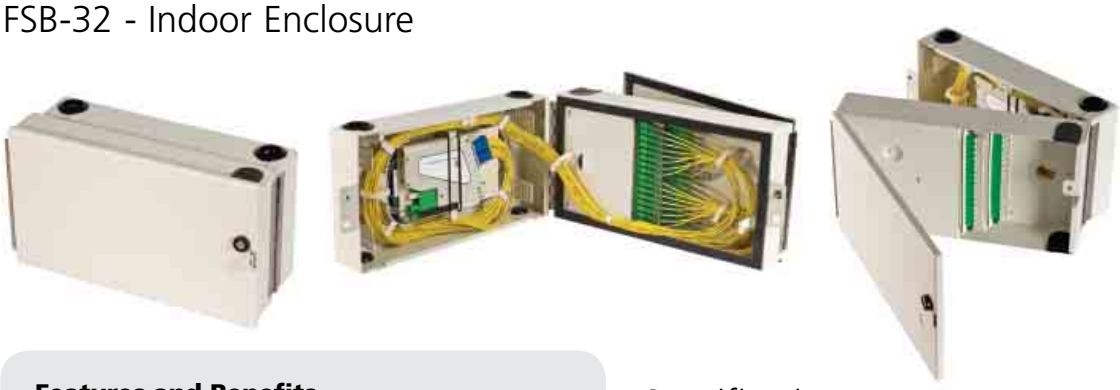
Specifications

Installation Type:	Indoor/Outdoor
Fiber Count (Full):	16
Parking Ports:	0
Splitter/WDM Ports:	1
Splice Trays:	1/12f
NEMA Rating:	4 and 12
Height:	9"
Width:	9"
Depth:	3.5"

Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

FSB-32 - Indoor Enclosure



Features and Benefits

- Dual hinge design creates separation between rear splitter section and front customer side access
- Splitters can be easily installed after wall box install allowing for separate purchase
- Standard 12-fiber splice tray allows for input splicing option
- Accommodates up to 32 splitter ports for one splitter modulel
- Dual hinge provides small footprint on the wall while maintaining excellent hand access to connectors
- Accepts standard PNP splitter (same as FDH 3000)

Specifications

Installation Type:	Indoor
Fiber Count (Full):	32
Parking Ports:	0
Splitter/WDM Ports:	1
Splice Trays:	1/12f
NEMA Rating:	12
Height:	8"
Width:	13"
Depth:	5"

FSB-72 - Outdoor Enclosure

Features and Benefits

- Traditional swing frame design allows for access to the back section of the wall box
- Splitter can be easily installed after wall box install
- Standard 12-fiber splice tray allows for input splicing option
- Accommodates up to 3 PNP splitter modules
- 72 port capacity with built-in 32-port parking
- Easily wall mounts to buildings
- Accepts standard PNP splitter (same as FDH 3000)

Specifications

Installation Type:	Outdoor
Fiber Count (Full):	72
Parking Ports:	32
Splitter/WDM Ports:	3
Splice Trays:	5/12f
NEMA Rating:	4
Height:	13"
Width:	19"
Depth:	10"

Complementary Products

Building Entrance Terminals: Fiber Wall Boxes

Catalog Number

FSB- 1 2 3 4 5 6 7 8 9 10 11

1 Configuration

S	Standard

2 Enclosure Type

Code	Description	Capacity	Size (HxWxD)
B	Indoor FSB-32	32-Fiber	8"x13"x5"
G	Outdoor FSB-72	72-Fiber	13"x19"x8"
H	Indr/Outdr FSB-16	16-Fiber	9"x9"x3.5"

3 Connector Type

J	SC/APC

4 Splice Tray (Feeder Side)

2	Heat Shrink Fusion
3	Mechanical/Ribbon
0	No Splice Tray

5 Fiber Count (Distribution)

12	12 Fibers
16	16 Fibers
32	32 Fibers
48	48 Fibers
72	72 Fibers

6 Splitter Type Installed

0	None Installed
A	1x32 Standard
C	1x16 Standard
G	2x32 Standard Power
J	1x8 Standard
L	Dual 1x8 Standard
M	Dual 1x16 Standard
N	1x4 Standard
P	2x16 Standard
U	Dual 1x4 Standard

7 Splitter Qty Installed

0	None
1	One (1) Installed
2	Two (2) Installed
3	Three (3) Installed

8 Cable Type (Feeder Cable)

Adapters	
0	Adapters Only (No Pigtail for Feeder)
Pigtails	
A	Splice Ribbon Pigtail Assy
C	Splice Pigtails (900 Micron)
Stubs	
S	Ribbon OSP Cable
R	Ribbon IFC Cable
T	Loose Tube OSP Cable
V	Loose Tube IFC Cable
M	900um IFNR Cable

9 Feeder Cable Length

000	0 Feet
025	25 Feet
100	100 Feet
200	200 Feet
300	300 Feet
500	500 Feet

10 Feeder Fiber Count

0	No Stub
2	2 Fibers
4	4 Fibers
6	6 Fibers
8	8 Fibers

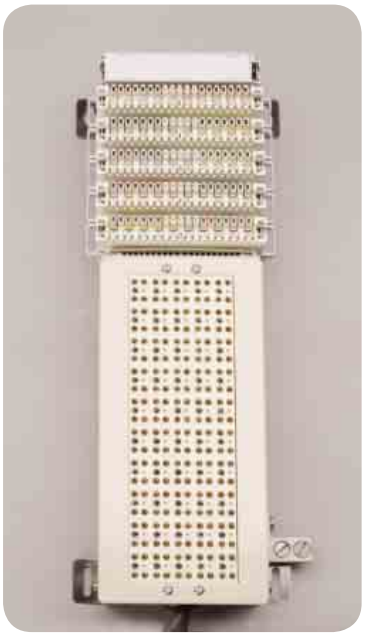
11 Key Locks

0	None (Pad Lock Ready)
A	Front Lock 1, Rear Lock 1
B	Front Lock 1, Rear Lock 2
C	Front Lock 1, No Rear Lock
D	Rear Lock 2, No Front Lock

Complementary Products

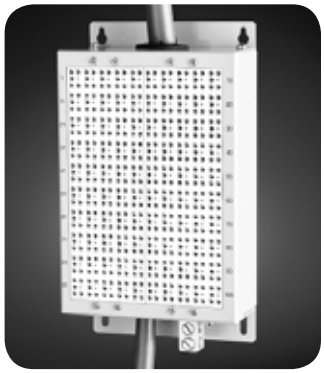
Building Entrance Terminals: Protection Devices

High-Density 5-Pin Protection



50-pair 5-pin protection
building entrance terminal

25-pair 5-pin protection
building entrance terminal



100-pair 5-pin protection only
building entrance terminal with
top and bottom stubs

Features

- High-density primary protection allows up to eighteen (double-sided) 100-pair units to be mounted in a standard 7-foot, 19-inch rack
- 26 AWG cable stub is provided for splicing to the incoming 24 AWG cable
- Building entrance terminals available with 5-pin protectors in 25-, 50- and 100-pair units
- 5-pin protectors are rated 300 volts
- Allow "look-both-ways" testing and monitoring without removing wires or protection
- Numerous labeling options allow comprehensive marking
- Variety of mounting hardware options
- UL 497 listed
- 100% compliant with Telcordia TR-NWT-000937

Ordering information follows on the next page

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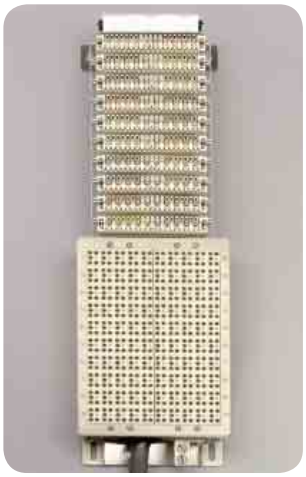
Complementary Products

Building Entrance Terminals: Protection Devices

High-Density 5-Pin Protection



100-pair 5-pin protection building entrance terminal with bottom entrance stub

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number*
25-pair 5-pin protection building terminal, **bottom entrance stub** *Quantity: 1*	8.75" x 6" x 4.88" (222.3mm x 152.4mm x 123.9mm)	6649 1 110-01/*XX*
50-pair 5-pin protection building entrance terminal, **bottom entrance stub** *Quantity: 1*	14" x 6" x 4.88" (355.6mm x 152.4mm x 123.9mm)	6649 1 210-01/*XX*
100-pair 5-pin protection building entrance terminal, **bottom entrance stub** *Quantity: 1*	19.88" x 6.06" x 4.88" (505mm x 153.9mm x 123.9mm)	
5-pin protectors included		6649 1 310-01/*XX*
5-pin protectors included; (4) 25-pin Telco (RJ-21X) connectors mounted on back for fast installation		6649 1 313-01/*XX*
100-pair 5-pin protection building entrance terminal, **top entrance stub** *Quantity: 1*	19.88" x 6.06" x 4.88" (505mm x 153.9mm x 123.9mm)	6649 1 310-03/*XX*
100-pair 5-pin protection building entrance terminal, **bottom rear entrance stub** *Quantity: 1*	19.88" x 6.06" x 4.88" (505mm x 153.9mm x 123.9mm)	
5-pin protectors included		6649 1 310-02/*XX*
5-pin protectors included; (4) 25-pin Telco (RJ-21X) connectors mounted on back for fast installation		6649 1 313-02/*XX*
100-pair 5-pin protection building entrance terminal, **top rear entrance stub** *Quantity: 1*	19.88" x 6.06" x 4.88" (505mm x 153.9mm x 123.9mm)	6649 1 310-04/*XX*
100-pair 5-pin protection building entrance terminal, protection only, **bottom and top stubs** *Quantity: 1*	10.75" x 6.06" x 2.75" (2273.1mm x 153.9mm x 69.85mm)	6649 1 316-05/*XX*

*Replace *XX* with:
25 = 25'
50 = 50'

Complementary Products

Building Entrance Terminals: Protection Devices

5-Pin Indoor and Outdoor Enclosed Building Entrance Terminals

100-pair indoor enclosed 5-pin building entrance terminal with doors open

100-pair 5-pin indoor enclosed building entrance terminal with doors closed—with RJ-21X output shown

Features

- 5-pin protection devices safeguard valuable cable plant and equipment from voltage surges and spikes
- Lockable metal enclosure with Telco override cover and a splicing chamber with the choice of either 710 or MS²® splice connectors
- 5-pin protectors are rated 300 volts
- 10-pair Series 2 disconnect block output field provided for cross-connection, "look-both-ways" testing and monitoring without removing wires or protectors
- 25-pair female Telco (RJ-21X) connectors available on indoor units
- Lightweight, compact and fully stackable
- Instructions, template and mounting hardware included to mount the terminal directly to a wall
- UL 497 listed
- 100% compliant with Telcordia TR-NWT-000937

MS²® is a registered trademark of 3M

Ordering information follows on the next page

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Complementary Products

Building Entrance Terminals: Protection Devices

5-Pin Indoor and Outdoor Enclosed Building Entrance Terminals

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
25-pair indoor enclosed 5-pin building entrance terminal *Quantity: 1*	7.5" x 15.5" x 5.4" (190.50mm x 393.7mm x 137.2mm)	
710 splice connector input and RJ-21X optional output		6649 1 430-09
MS²® splice connector input and RJ-21X optional output		6649 1 470-09
25-pair outdoor enclosed 5-pin building entrance terminal *Quantity: 1*	11.35" x 10.65" x 6.08" (288.29mm x 270.15mm x 154.43mm)	
710 splice connector input		6649 1 720-00
MS²® splice connector input		6649 1 760-00
50-pair indoor enclosed 5-pin building entrance terminal *Quantity: 1*	11.25" x 15.63" x 5.38" (285.75mm x 397mm x 136.65mm)	
710 splice connector input		6649 1 530-00
MS²® splice connector input		6649 1 570-00
710 splice connector input and RJ-21X optional output		6649 1 530-09
MS²® splice connector input and RJ-21X optional output		6649 1 570-09
50-pair outdoor enclosed 5-pin building entrance terminal *Quantity: 1*	13.88" x 19.63" x 6.38" (352.55mm x 499mm x 162mm)	
710 splice connector input		6649 1 820-00
MS²® splice connector input		6649 1 860-00
100-pair indoor enclosed 5-pin building entrance terminal *Quantity: 1*	11.25" x 18.25" x 5.38" (285.75mm x 463.55mm x 136.65mm)	
710 splice connector input		6649 1 630-00
MS²® splice connector input		6649 1 670-00
710 splice connector input and RJ-21X optional output		6649 1 630-09
MS²® splice connector input and RJ-21X optional output		6649 1 670-09
100-pair outdoor enclosed 5-pin building entrance terminal *Quantity: 1*	13.88" x 19.63" x 6.38" (352.55mm x 499mm x 162mm)	
710 splice connector input		6649 1 920-00
MS²® splice connector input		6649 1 960-00

Other configurations available; please contact ADC Technical Assistance Center
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Complementary Products

Building Entrance Terminals: Protection Devices

10-Pair Magazine Protection

100-pair magazine protection building entrance terminal bottom entrance stub

50-pair magazine protection building entrance terminal bottom entrance stub

25-pair magazine protection building entrance terminal bottom entrance stub

Features

- High-density primary protection
- Solid-state protection devices safeguard valuable cable plant and equipment from voltage surges and spikes
- Protector units are solid-state (320V median voltage rating) and equipped with individual fail-safe devices
- Wall or rack mount magazine protection building entrance terminals for protection of 25-, 50- and 100-pairs
- Each building entrance terminal equipped with solid-state protectors and a 26 AWG stub cable for splicing to the incoming 24 AWG cable, providing a built-in fuse link
- A 10-pair connector block (gray) field holds the protection magazines; connect block field is internally wired with 24 AWG cable to the disconnect block field
- A 10-pair disconnect block (white) field is provided for cross-connection, patching, "look-both-ways" testing, circuit monitoring, circuit disconnecting and marking without having to remove the protection magazines or wires
- Available with stubs that exit through the bottom, top or rear of the terminal
- UL 497 listed
- 10-pair protection magazine assemblies snap into 10-pair blocks
- 100% compliant with Telcordia TR-NWT-000937
- Mounting hardware is included for mounting directly to a wall or on back mount frames or support bars

Ordering information follows on the next page

Complementary Products

Building Entrance Terminals: Protection Devices

10-Pair Magazine Protection

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number*
25-pair magazine protection building entrance terminal, bottom entrance stub *Quantity: 1*	6.25" x 5.75" x 5.06" (158.75mm x 146.05mm x 128.52mm)	6659 1 025-32/*XX*
50-pair magazine protection building entrance terminal, bottom entrance stub *Quantity: 1*	9.81" x 5.75" x 5.06" (249.17mm x 146.05mm x 128.52mm)	6637 1 320-18/*XX*
100-pair magazine protection building entrance terminal *Quantity: 1*	18.56" x 5.75" x 5.06" (471.42mm x 146.05mm x 128.52mm)	
Bottom entrance stub		6637 1 320-19/*XX*
Bottom rear entrance stub		6659 1 132-87/*XX*
Top entrance stub		6659 1 132-48/*XX*

*Replace *XX* with:
25 = 25'
50 = 50'

Other configurations available; please contact ADC Technical Assistance Center

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Complementary Products

Building Entrance Terminals: Protection Devices

10-Pair Magazine Protection Indoor and Outdoor Enclosed Building Entrance Terminals

100-pair indoor enclosed magazine building entrance terminal with doors open

100-pair indoor enclosed magazine building entrance terminal with doors closed—RJ-21X output shown

Features

- Enclosed 10-pair magazine protection building entrance terminals for the overvoltage protection of 100 pairs
- Protector units are solid-state (320 volt median voltage rating) and equipment with individual fail-safe devices
- Lockable metal enclosure with Telco override cover, a splicing chamber with the choice of either 710 or MS2® splice connectors and a ground strap
- 10-pair connect block field holds the protection magazines
- 10-pair Series 2 disconnect block output field provided for cross-connection, "look-both-ways" testing and monitoring without removing wires or protectors
- 25-pair female Telco (RJ-21X) connectors available on indoor units
- Lightweight, compact and fully stackable
- Instructions, template and mounting hardware included to mount the terminal directly to a wall
- UL 497 listed
- 100% compliant with Telcordia TR-NWT-000937

MS²® is a registered trademark of 3M

Ordering information follows on the next page

Complementary Products

Building Entrance Terminals: Protection Devices

10-Pair Magazine Protection Indoor and Outdoor Enclosed Building Entrance Terminals

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
100-pair indoor enclosed 10-pair magazine building entrance terminal *Quantity: 1*	11.25" x 18.25" x 5.38" (285.75mm x 463.55mm x 136.65mm)	
710 splice connector input		6659 1 132-77
MS²® splice connector input		6659 1 132-78
710 splice connector input and RJ-21X optional output		6659 1 132-79
MS²® splice connector input and RJ-21X optional output		6659 1 132-80

Other configurations available; please contact ADC Technical Assistance Center
MS2® is a registered trademark of 3M

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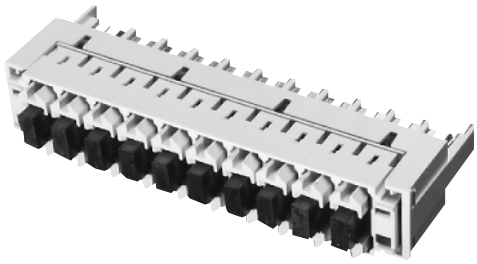
Complementary Products

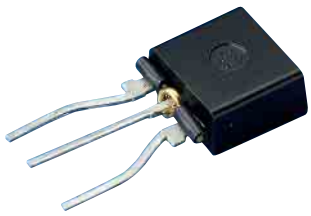
Building Entrance Terminals: Protection Devices

10-Pair Protection Magazine with Fail-Safe

The 10-pair solid-state protection magazine with fail-safe is a high-density protection solution, providing primary overvoltage protection. The magazine is loaded with 320V solid-state protectors and snaps into Series 2 10-pair connect or disconnect termination modules. The three-chip balanced solid-state device meets balance requirements of GTS 8700 and GR 974. It is UL 497 listed.



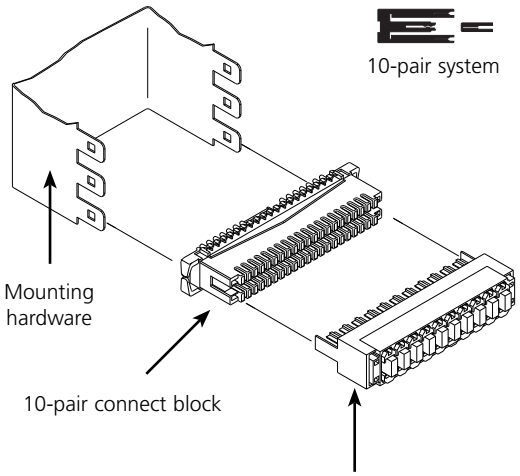
10-pair magazine, 10-pair system



Solid-state protector with fail-safe

Specifications

Median voltage rating:	320V
Peak off-state voltage:	270V
Switching voltage:	350V
On-state voltage:	8V
Leakage current:	5µA
Switching current:	800mA
On-state current:	2.2A
Holding current:	150mA
Off-state capacitance:	60pF
Peak pulse current @2x10µs:	250A
Peak pulse current @8x20µs:	250A
Peak pulse current @10x160µs:	150A
Peak pulse current @10x560µs:	100A
Peak pulse current @10x1000µs:	80A



Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
10-pair solid state magazine with fail safe *Quantity: 1* 320V primary overvoltage protection; assembly consists of (1) 10-pair protection magazine fully loaded with (1) 320V solid-state protectors. Snaps into 10-pair connect or disconnect blocks mounted in grounded back mount frame *Extends 1.25" (31.75mm) from face of block*	0.88" x 4.44" x 1.88" (22.23mm x 112.8mm x 47.8mm)	6659 2 053-09
Solid-state protector with fail-safe, *Quantity: 1* 320V nominal clamping voltage; inserts into 10-pair protection magazine		6659 2 060-03

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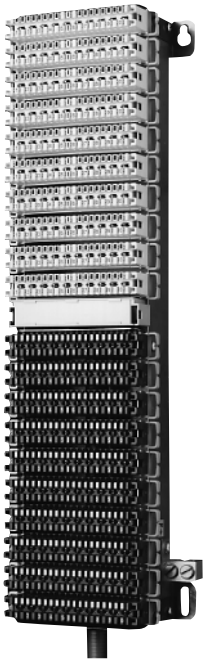
Complementary Products

Building Entrance Terminals: Protection Devices

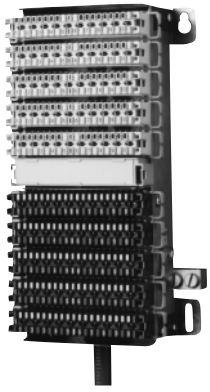
Single-Pair Protectors

The ComProtect™ single-pair protector system is a solid-state system that features an open contact design. The open contact design provides additional security because the circuit remains open until a single-pair protection device is inserted. Single-pair protectors are available in a variety of voltages, and are conveniently packaged in groups of ten with a ground bar. This system uses a switching block with a normally open contact design.

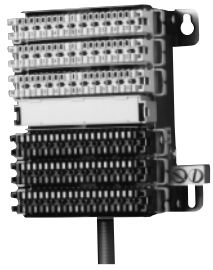
The open contact feature offers additional security. If a protection device is removed, the circuit is opened and the outside cable is automatically disconnected from the inside wire.



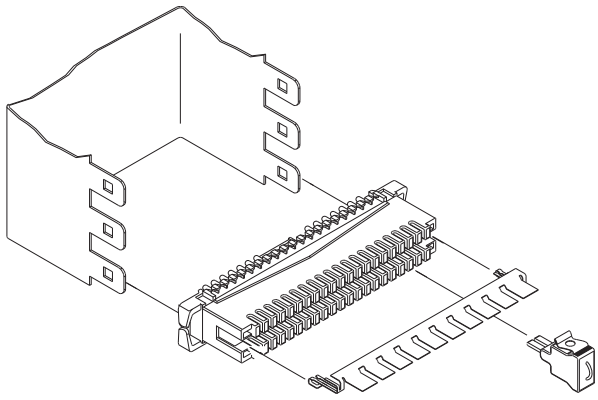
100-pair, single-pair system



50-pair, single-pair system



25-pair, single-pair system



Ordering information follows on the next page

Complementary Products

Building Entrance Terminals: Protection Devices

Single-Pair Protectors

Ordering Information

Description	Dimensions (HxWxD)	Catalog Number
Single-pair system building entrance terminals UL 497 listed 26 AWG stub for splicing to incoming 24 AWG cable. Lower switching block field accepts single-pair protection devices. Upper disconnect block field provides direct patching, cross-connection and "look-both-ways" testing *Quantity: 1*		
25-pair building entrance terminal, single-pair system	6.25" x 5.75" x 5.06" (158.7mm x 146mm x 128.6mm)	
25' stub		6659 1 025-20/25
50' stub		6659 1 025-20/50
50-pair building entrance terminal, single-pair system	9.81" x 5.75" x 5.06" (249.2mm x 146mm x 128.6mm)	
25' stub		6659 1 050-43/25
50' stub		6659 1 050-43/50
100-pair building entrance terminal, single-pair system	18.56" x 5.75" x 5.06" (471.5mm x 146mm x 128.6mm)	
25' stub		6659 1 100-73/25
50' stub		6659 1 100-73/50

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TrueNet® Structured Cabling