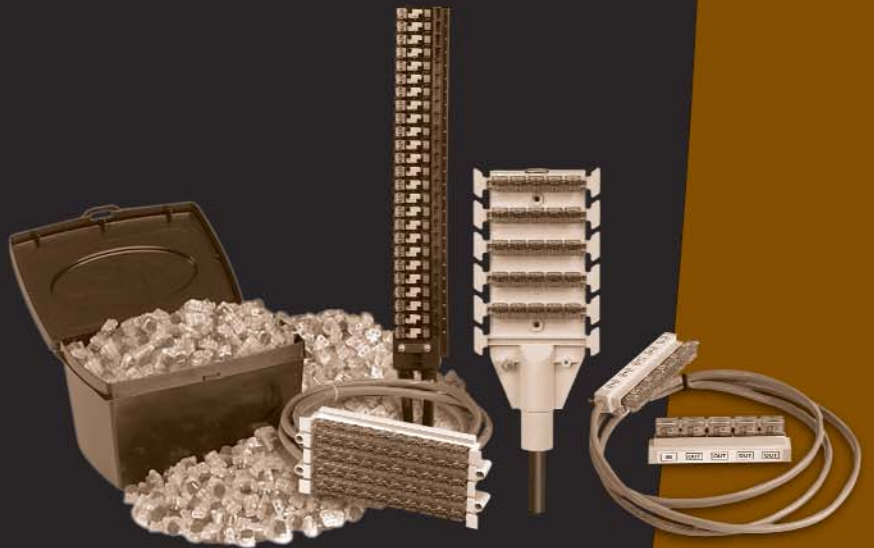




CHANNELL
Where The Industry Connects.



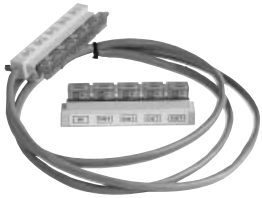


Section 1. DSLink™ Modular DSL Terminal Block System

The DSLink Modular Data Ready Terminal Block System re-engineers and pre-provisions existing copper networks for rapid broadband data services delivery. Accommodates protected and non-protected configurations.

Section 2. 5/6-Pair Mini-Rocker™ Tailed Terminal Block & Bridging Module

These products provide a dependable, long-term means of connection between a users service wire and the telephone distribution cable. They can be accommodated in a variety of housings and are appropriate for both indoor and outdoor applications.



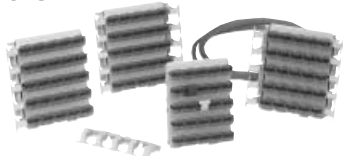
Section 3. 10-Pair Mini-Rocker Modules

10-Pair Mini-Rocker Modules are designed for field termination. The connector system facilitates both feeder and distribution connections in cross-connect, building entrance terminal and network interface applications.



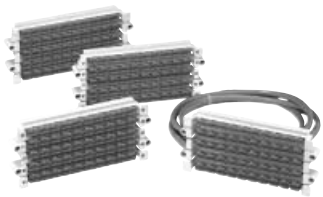
Section 4. 25-Pair Mini-Rocker Untailed or Tailed Blocks

25-Pair Untailed or Tailed Blocks can be stacked vertically or horizontally, enabling assembly of cross-connect fields with greater pair densities. Customized blocks are available potted and tailed to length.



Section 5. 50-Pair Mini-Rocker Untailed or Tailed Blocks

The 50-Pair Mini-Rocker Blocks are stackable, enabling cross-connect fields of greater pair density to be configured for indoor and outdoor applications. Customized blocks are available potted and tailed to length.



PRODUCT LISTING

SECTION 6

Section 6. 25-Pair Mini-Rocker™ Tailed Terminal Block

The 25-Pair Tailed Terminal Block is suited for both indoor and outdoor applications. It can be mounted in a variety of housings for use in aerial, pedestal, wall mount, marina and subsurface installations.



SECTION 7



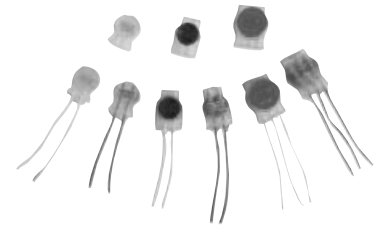
Section 7. Mini-Rocker Accessories

All Mini-Rocker product accessories are listed in tabular form in this section. Notation is made for accessories that apply only to specific products.

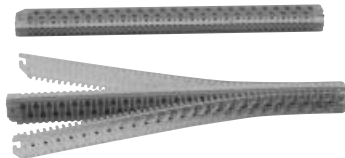
SECTION 8

Section 8. Discrete IDC Connectors

These discrete Insulation Displacement Connectors (IDC) feature tin-plated copper alloy contacts and polypropylene bodies for reliable connections in copper and aluminum telecommunications cable networks. They require no stripping and can be used with PE- or PVC-insulated wires.



SECTION 9



Section 9. FS2 Connector Modules

FS2 Connector Modules are available in 25-pair, 20-pair and 10-pair configurations. They allow high speed, accurate splicing of telecommunications cables and ensure optimum use of space, thereby reducing the jointing bundle size.

TABLE OF CONTENTS

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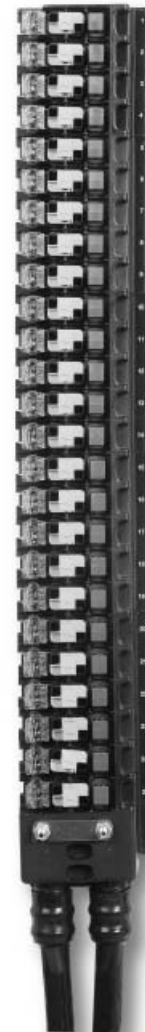
DSLINK™ MODULAR DSL TERMINAL BLOCK SYSTEM

The DSLink Data-Ready Modular Terminal Block System re-engineers and pre-provisions copper networks for rapid broadband data services delivery, increasing flexibility, future remote provisioning and providing significant long-term competitive advantage. It is ideally suited for bridged-tap removal and line testing in new installations or existing network upgrades.

Designed to accommodate protected and non-protected configurations, the DSLink Terminal Block System can be provided with two Category 3 or Category 5 shielded, filled or air core cable stubs for Input (CO) and Output (Field) connections.

The DSLink Terminal Block is equipped with Bridging Connectors that connect the CO feeder side to the Field side. The modular Mini-Rocker Service Wire Modules utilize proven IDC technology and contain a high viscosity environmental sealing compound for maximum protection against moisture intrusion and corrosion of the connection points.

The DSLink Service Wire Modules are available as either the finger-operated Mini-Rocker IDC copper wire connector that will accommodate 26 AWG (0.4mm) to 22 AWG (0.63mm) solid copper wire conductors or the Universal Service Wire Module intended for use with heavier gauge C or F drop-wire up to 18-1/2 AWG (0.96mm).

FEATURES/BENEFITS

- Data-ready, Category 5 rated, xDSL compatible for rapid deployment of DSL circuits
- Utilizes proven IDC environmentally sealed termination technology to ensure maximum protection of each connection point from moisture intrusion and corrosion
- Upgradable for enhanced functions such as protection, line testing, remote service provisioning, etc.
- Provides "look both ways" test access points for ease of installation, testing and service without removing service wire
- Each circuit pair can be easily tested by inserting a test clip at the DSLink Service Wire Module. The CO connection and Field (distribution) ports are accessible with standard test set clips
- Bridging Connectors enable the field technician to cut off any existing bridged-tap beyond the point of service without entering the cable splice
- Bridging Connectors connect or disconnect the CO feeder side of the DSLink Terminal Block to the Field side in one easy step
- Feeder and Distribution cables are isolated to enhance transmission quality and reduce signal interference
- Moveable ground bar permits sheath isolation for segment testing
- Tested to comply with Telcordia Specifications TR-NWT-000975 Issue 1 and GR-974-CORE

DSLINK™ MODULAR DSL TERMINAL BLOCK SYSTEM

ACCESSORIES



Bridging Connector (Red),
DSA-BCSS-R02 (10/Pack)



Bridging Connector (Violet),
DSA-BCVDSL-P03 (10/Pack)



Bridging Connector (Green),
DSA-BCS-G01 (10/Pack)



Mini-Rocker Service
Wire Module,
DSA-SWM-B05 (10/Pack)



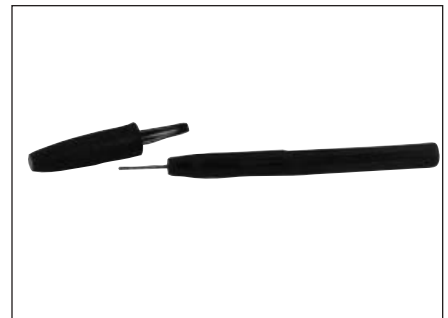
Universal Service
Wire Module,
DSA-USWM-04 (10/Pack)



Sealing Plug Module



Test Probe,
MRA-TP01 (Each)



Insulation Removal Tool,
MRA-IRT1 (10/Pack)



DSLLink shown installed in
Channel FlexPed™ Enclosure

SPECIFICATIONS

DSLLink Dimensions

Terminal Capacity	Height	Width	Depth
10-Pair	11.25" (286mm)	3.31" (84.1mm)	1.75" (44.5mm)
15-Pair	15.25" (387mm)	3.31" (84.1mm)	1.75" (44.5mm)
20-Pair	19.25" (489mm)	3.31" (84.1mm)	1.75" (44.5mm)
25-Pair	23.25" (592mm)	3.31" (84.1mm)	1.75" (44.5mm)

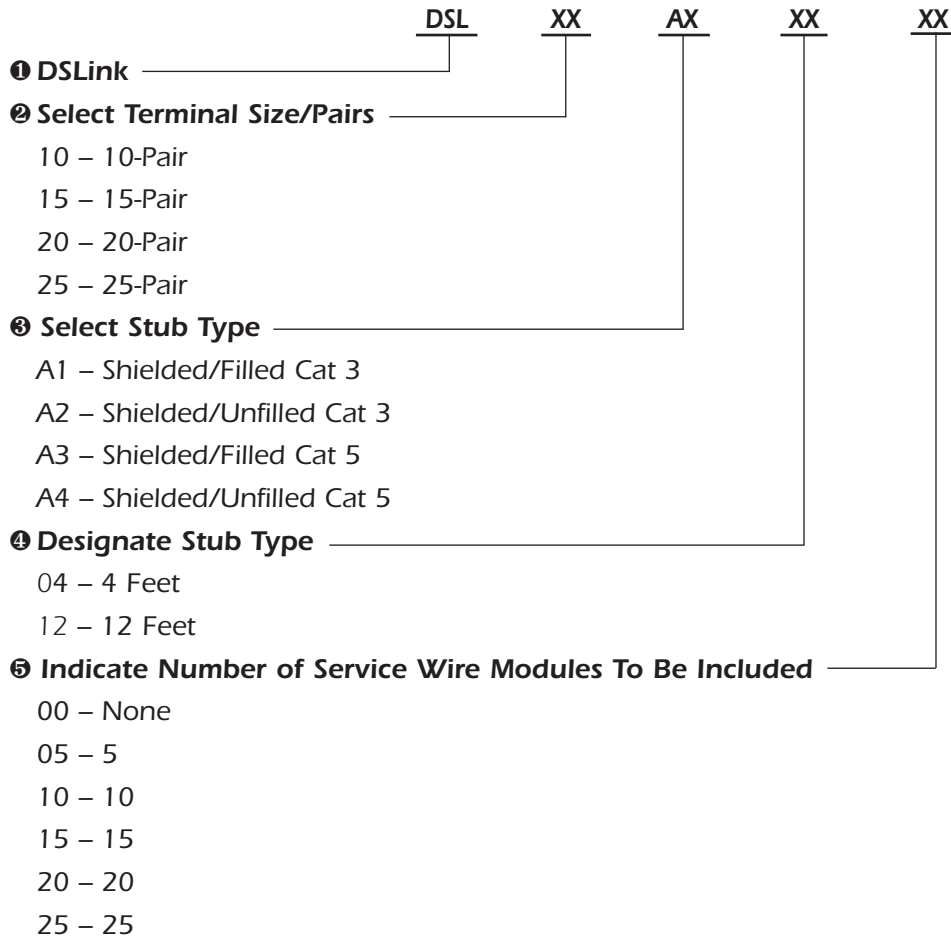
DSLLINK[™] MODULAR DSL TERMINAL BLOCK SYSTEM

ORDERING INFORMATION

5

EASY STEPS:

- ① Specify DSLink Terminal Block System
- ② Select Terminal Size/Number Of Pairs
- ③ Indicate Stub Type
- ④ Designate Stub Length
- ⑤ Indicate Number Of Service Wire Modules Desired



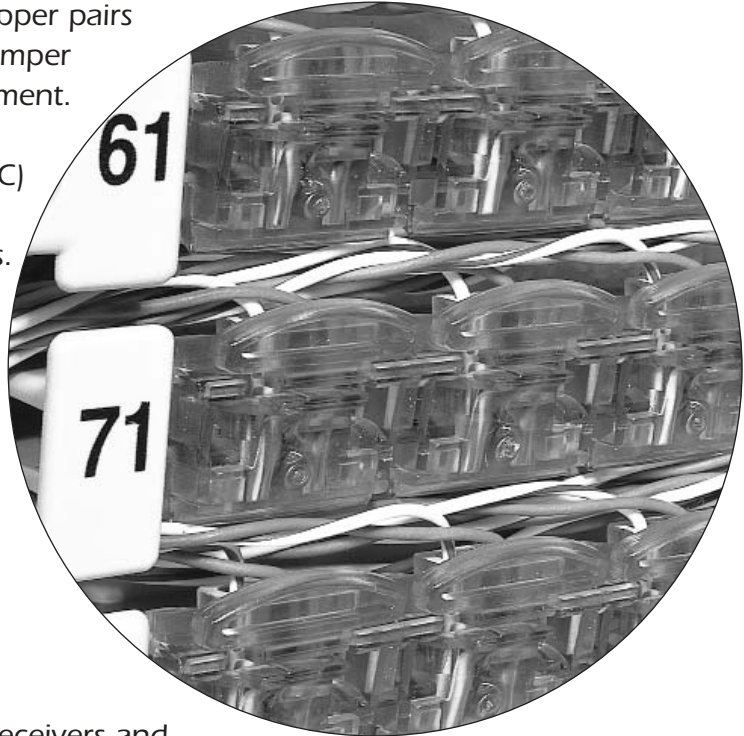
Example: **DSL25A11205**

DSLink: 25-Pair (Terminal Size), Shielded/Filled Category 3 (Stub Type),
12 Feet (Stub Length), 5 (Service Wire Modules Included)

- Note:
- DSLink is compatible with both new and existing copper networks and with all Outside Plant enclosures.
 - DSLink[™] Patent Pending.
 - For any special requirements not noted above, contact customer service.

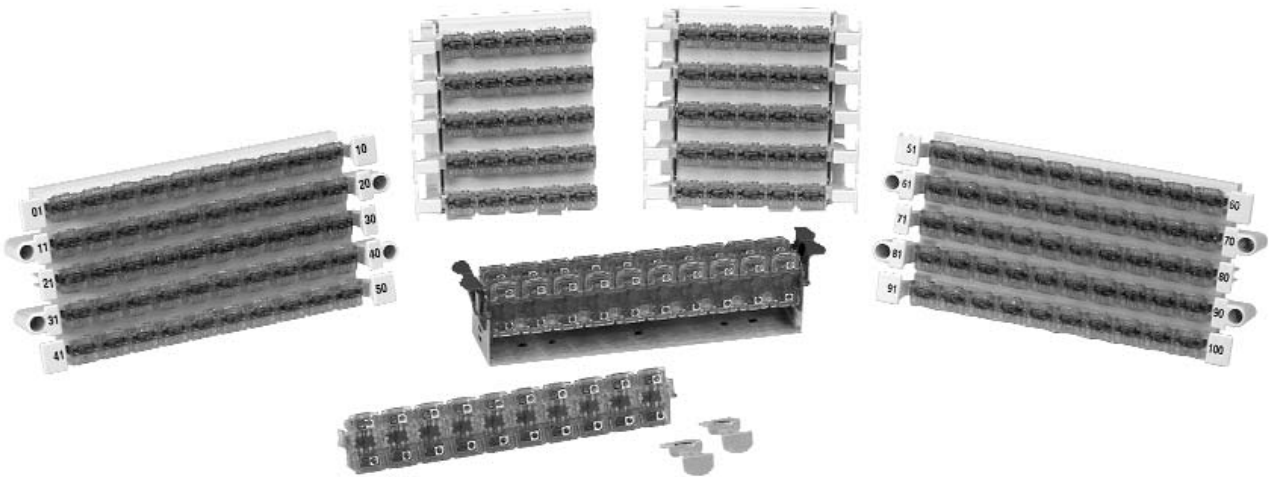
FEATURES

- “Pair-at-a-time” connections mean copper pairs remain twisted together, speeding jumper wiring and assisting in wire management.
- Insulation Displacement Contacts (IDC) eliminate the need to strip wires, resulting in faster on-site connections.
- Hinged wire-entry ports pivot to rise clear of adjacent latches and installed jumper wires, allowing easy wire insertion.
- Transparent wire receivers allow visual confirmation of proper wire insertion and IDC contact before a connection is made.
- Tool-less operation: finger-operated receivers and audible latch-down action eliminate problems of breakage through improper use of tools.
- High Viscosity Compound (HVC) environmental encapsulation eliminates corrosion, enabling Mini-Rocker to function underwater in high-humidity environments.
- Mini-Rockers stay latched when connections are made, ensuring wire retention and pullout resistance during jumper wire tracing.
- “Quiet front” design and easy test access eliminate shorts and need for disconnection during circuit testing.
- Mini-Rockers will accommodate most wire designs with conductor sizes between 26 AWG - 22 AWG (0.4mm - 0.63mm).



MINI-ROCKER PRODUCTS

SPECIFICATIONS



MINI-ROCKERS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING:

Telcordia Specification TR-NWT-001195

Housed in a variety of cable interface cabinets, IDC cross-connect terminal blocks must perform while exposed to an assortment of outside plant conditions including temperature extremes, humidity, pollutants and craftsman-applied chemicals.

Telcordia Specification TR-TSY-000975

Terminal blocks used in buried and aerial construction must provide a reliable means of connecting a customer's service wire to the telephone distribution cable.

Telcordia Specification TR-NWT-000937

An outdoor (OBET) or indoor (IBET) building entrance terminal must provide a flame-retardant interface between an OSP entrance cable and a customer premise building cable.

Category 5 Rating

For transmission characteristics specified up to 100 MHz, Mini-Rocker performs to network frequency requirements.

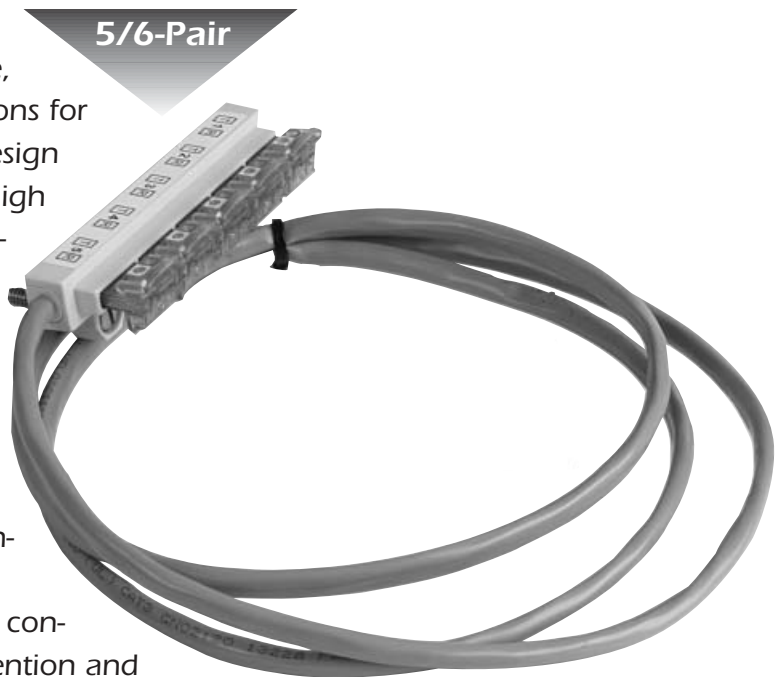
UL Listed

5/6-PAIR MINI-ROCKER TAILED TERMINAL BLOCK

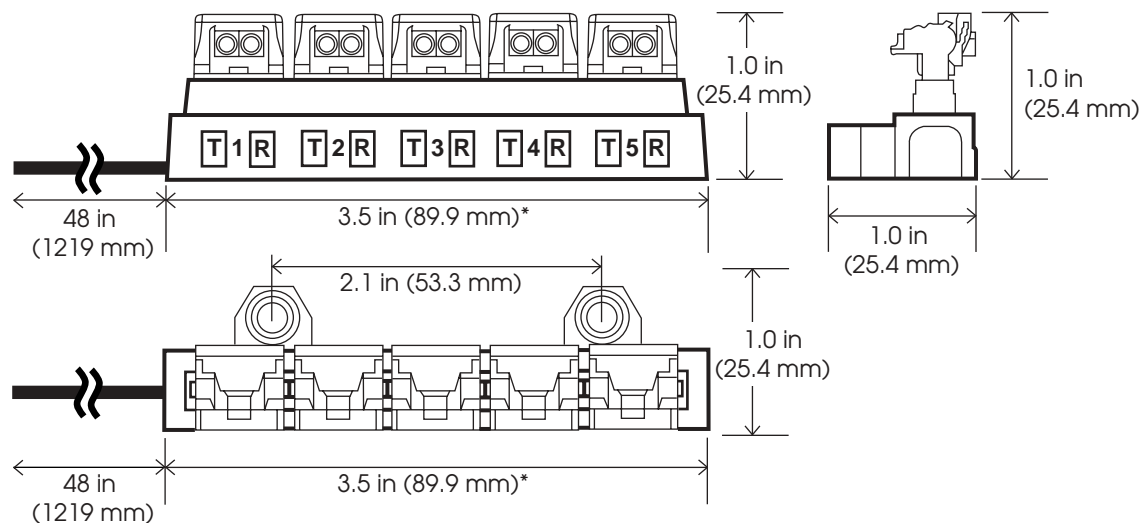
The 5/6-Pair Mini-Rocker Tailed Terminal Block provides a dependable, long-term means of discrete connections for small pair counts. The “quiet front” design eliminates incidental shorts and the High Viscosity Compound (HVC) encapsulation blocks moisture and eliminates corrosion, resulting in trouble-free service.

When using a small pair count drop in a ready access configuration, the 5/6-Pair Tailed Terminal Block provides quick pair-at-a-time connections without requiring the use of tools. Mini-Rockers stay latched when connections are made, ensuring wire retention and pullout resistance during jumper wire tracing.

The 5/6-Pair Mini-Rocker Tailed Terminal Block can be accommodated in a variety of housings including Channell’s line of terminal and distribution boxes. They can be utilized for indoor and outdoor applications such as aerial, pedestal, wall mount, marina and subsurface installations.



DIMENSIONS



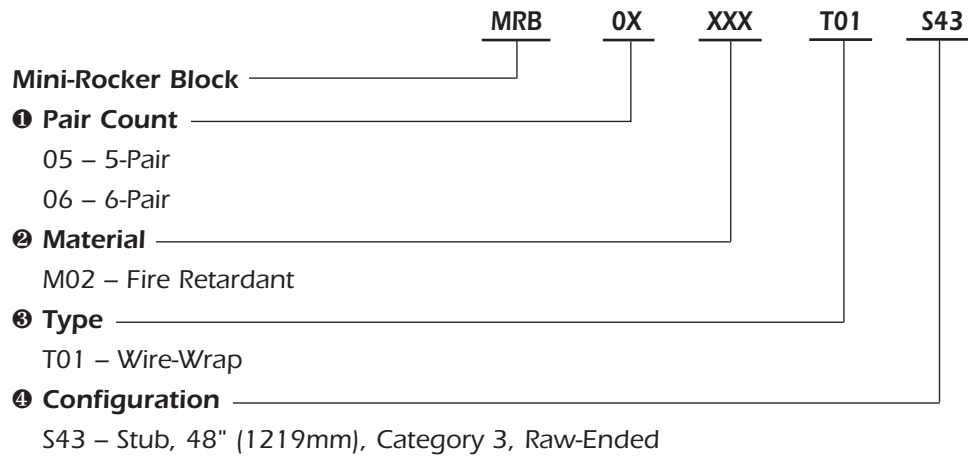
*6-Pair Length: 4.17 in (105.9 mm)

5/6-PAIR MINI-ROCKER TAILED TERMINAL BLOCK

ORDERING INFORMATION

4

- EASY STEPS:**
- ❶ Select Pair Count
 - ❷ Select Material
 - ❸ Indicate Type
 - ❹ Select Configuration



Example: MRB05M02T01S43

5-Pair Mini-Rocker Tailed Terminal Block, Potted, Tailed with One 48" (1219mm) Stub, Category 3, Raw-Ended

ACCESSORIES (REFER TO SECTION 7 FOR COMPLETE LISTING.)

Part No.	Description–Accessories
MRA-IRT1	Insulation removal tools – pack of 10
MRA-TC36	Test clip 36" – each
MRA-TP01	Test probe
MRA-PMR	Red priority service marker – pack of 100
MRA-PMY	Yellow priority service marker – pack of 100
MRA-LH5	Label holder – 5-pair
MRA-RLK1	Replacement caps – pack of 10
MRA-RLK2	Replacement caps – pack of 25

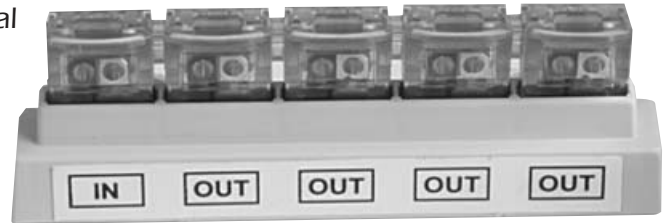
5/6-PAIR MINI-ROCKER BRIDGING MODULE

The 5/6-Pair Mini-Rocker Bridging Module provides a dependable, long-term means of connection between a user's service wire and the telephone distribution cable. The "quiet front" design eliminates incidental shorts and the High Viscosity Compound (HVC) encapsulation blocks moisture and eliminates corrosion, resulting in trouble-free service.

The 5/6-Pair Bridging Module has all Tips common and all Rings common, providing 1-in/4-out or 1-in/5-out configurations. The Bridging Module is ideal for terminating telephone extensions after the alarm module or when terminating multiple Inside Wire (I/W) home-runs.

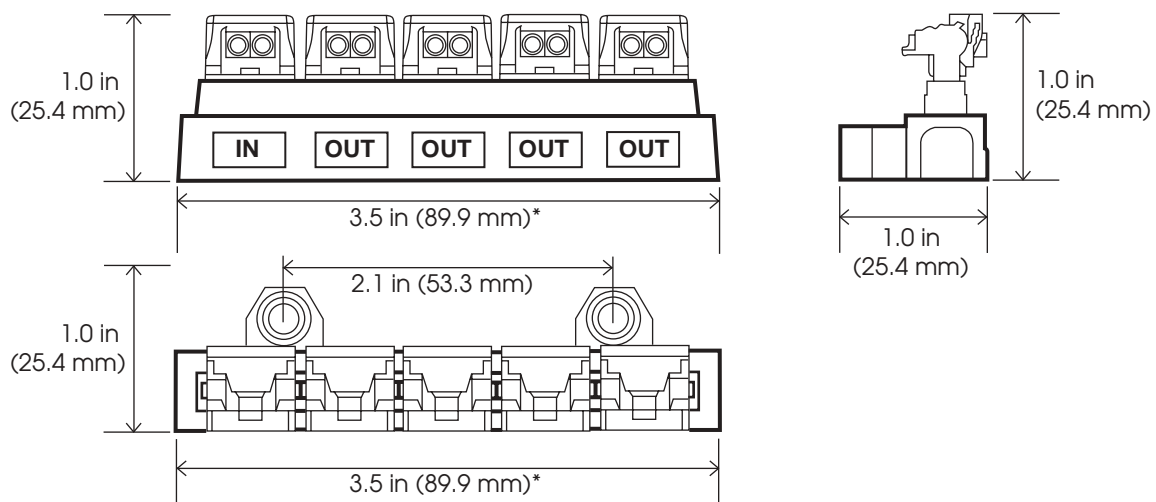
The 5/6-Pair Mini-Rocker Bridging Module can be accommodated in a variety of housings including Channell's line of terminal and distribution boxes. They can be utilized for indoor and outdoor applications such as aerial, pedestal, wall mount, marina and subsurface installations.

5/6-Pair



SECTION 2

DIMENSIONS



*6-Pair Length: 4.17 in (105.9 mm)

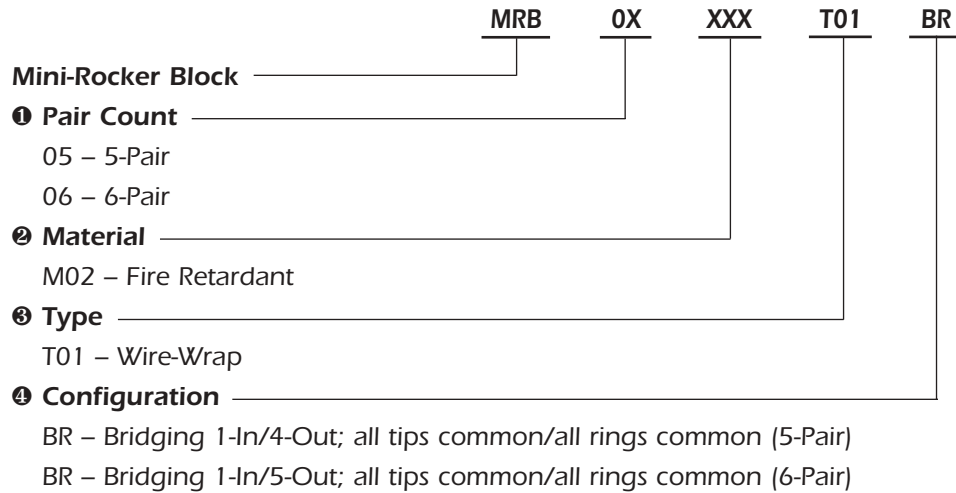
5/6-PAIR MINI-ROCKER BRIDGING MODULE

ORDERING INFORMATION

4

EASY STEPS:

- ❶ Select Pair Count
- ❷ Select Material
- ❸ Indicate Type
- ❹ Select Configuration



Example: MRB05M02T01BR

5-Pair Mini-Rocker Bridging Module

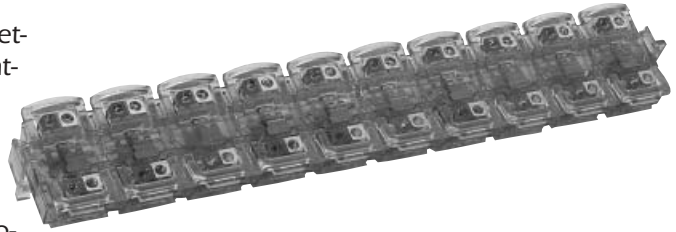
ACCESSORIES (REFER TO SECTION 7 FOR COMPLETE LISTING.)

Part No.	Description-Accessories
MRA-IRT1	Insulation removal tools – pack of 10
MRA-TC36	Test clip 36" – each
MRA-TP01	Test probe
MRA-PMR	Red priority service marker – pack of 100
MRA-PMY	Yellow priority service marker – pack of 100
MRA-LH5	Label holder – 5-pair
MRA-RLK1	Replacement caps – pack of 10
MRA-RLK2	Replacement caps – pack of 25

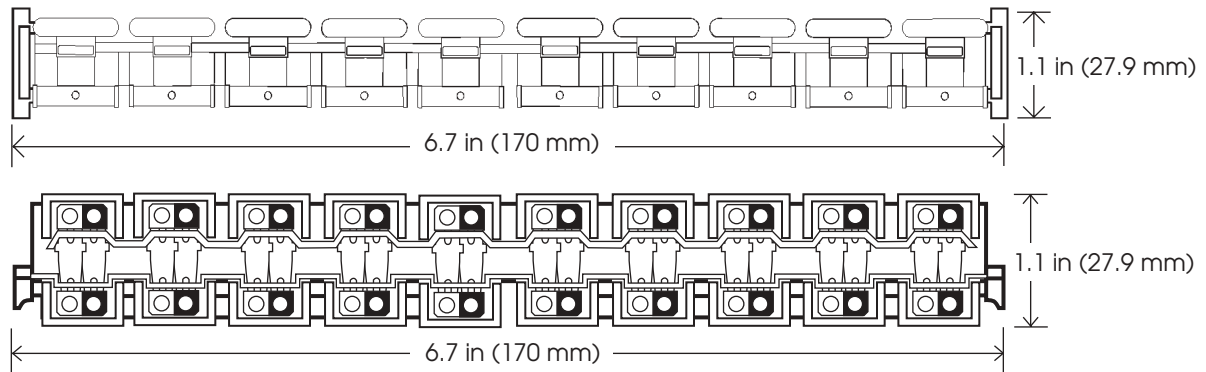
10-PAIR MINI-ROCKER MODULES

The 10-pair Mini-Rocker IDC connector system is designed for field termination, with no tools required. The connector system facilitates both feeder and distribution connections in cross-connect, building entrance terminal and network interface applications. The symmetrical mounting provisions, dual-colored tip/ring identifiers and double sided rockers of the module provide quick, craft-friendly installation and maintenance of terminations. A selection of stainless steel and molded backmount frames is available to accommodate pair counts ranging from 10 to 400.

10-Pair Modules



DIMENSIONS



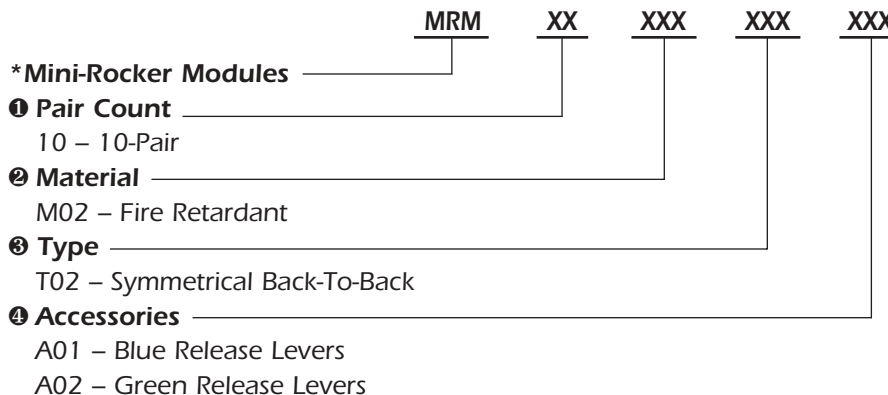
SECTION 3

ORDERING INFORMATION

4

EASY STEPS:

- ① Select Pair Count
- ② Select Material
- ③ Indicate Type
- ④ Select Accessories



Example: MRM10M02T02A01

10-Pair Mini-Rocker Module, Fire Retardant, Symmetrical Back-To-Back, Blue Release Levers

*All Mini-Rocker Modules are packaged in box quantities of ten (10).

10-PAIR MINI-ROCKER MODULES

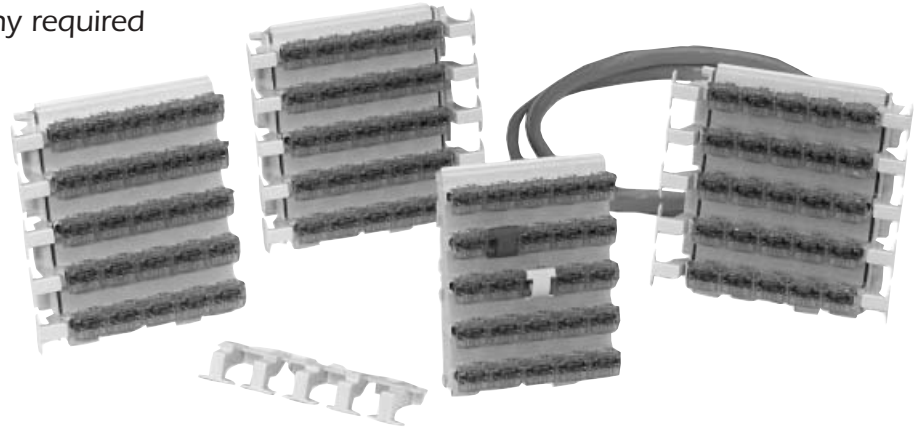
ACCESSORIES (REFER TO SECTION 7 FOR COMPLETE LISTING.)

Part No.	Description-Accessories
MRA-IRT1	Insulation removal tools – pack of 10
MRA-TC36	Test clip 36" – each
MRA-TP01	Test probe
MRM-RLGS	Green release lever (use with symmetrical 10-pair module) – unprinted (pack of 100)
MRM-RLGUS	Green release lever (use with symmetrical 10-pair module) – unprinted (pack of 10)
MRM-RLGPS	Green release lever (use with symmetrical 10-pair module) – printed 1-100 (pack of 10)
MRM-RLBS	Blue release lever (use with symmetrical 10-pair module) – unprinted (pack of 100)
MRM-RLBUS	Blue release lever (use with symmetrical 10-pair module) – unprinted (pack of 10)
MRM-RLBPS	Blue release lever (use with symmetrical 10-pair module) – printed 1-100 (pack of 10)
MRA-PMR	Red priority service marker – pack of 100
MRA-PMY	Yellow priority service marker – pack of 100
MRA-LH10	Label holder – 10-pair
MRA-LH5	Label holder – 5-pair
MRA-RLK1	Replacement caps – pack of 10
MRA-RLK2	Replacement caps – pack of 25
MRA-BFK10	10-pair Backmount frame kit
MRA-BFK20	20-pair Backmount frame kit
MRA-BFK50	50-pair Backmount frame kit
MRA-BFK100	100-pair Backmount frame kit
MRA-BFK400	400-pair Backmount frame kit

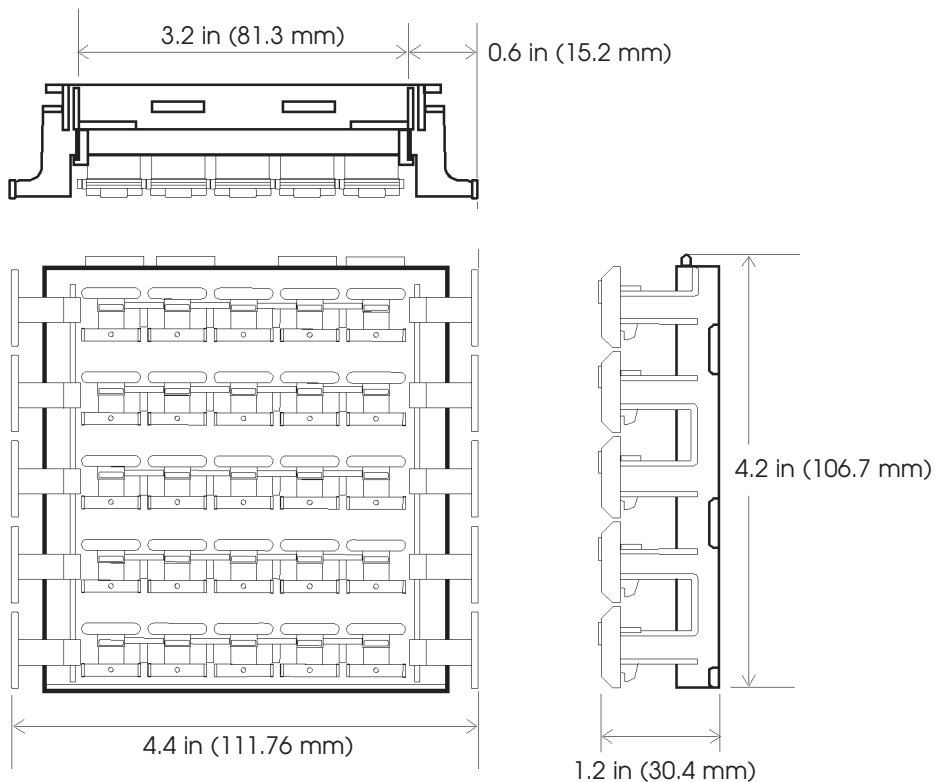
25-PAIR MINI-ROCKER UNTAILED OR TAILED BLOCKS

The modular 25-pair untailed or tailed blocks can be stacked vertically or horizontally, enabling assembly of cross-connect fields with any required pair counts. Optional fanning strips can be clipped to the blocks to create wire-guide borders for trouble-free routing and management of jumper wires. Customized blocks are available potted and tailed to length.

25-Pair
Blocks



DIMENSIONS



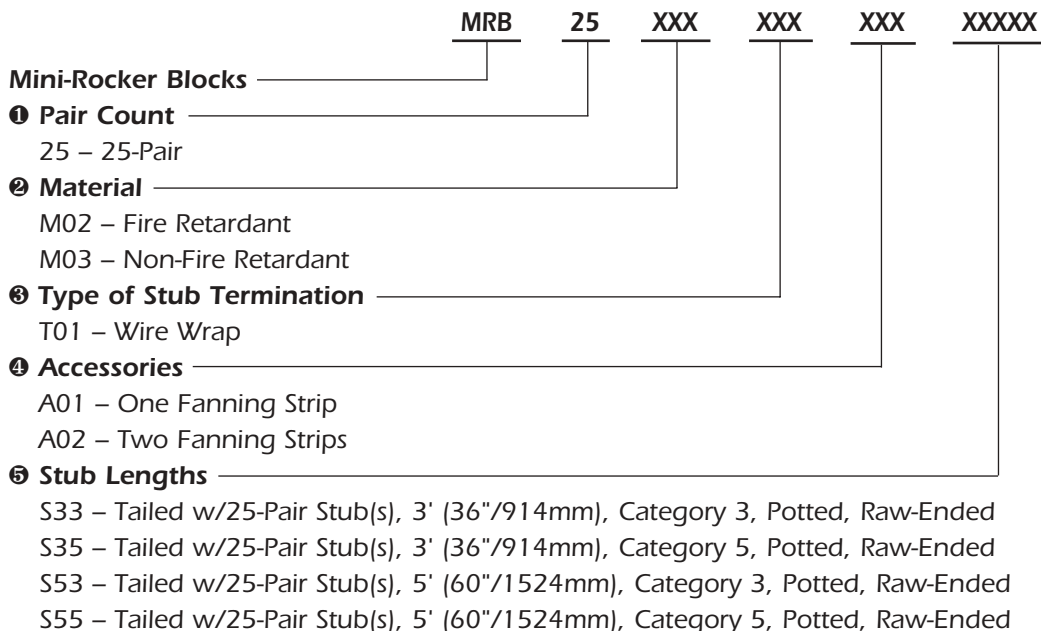
25-PAIR MINI-ROCKER UNTAILED OR TAILED BLOCKS

ORDERING INFORMATION

5

EASY STEPS:

- ① Select Pair Count
- ② Select Material
- ③ Indicate Stub Type
- ④ Select Accessories
- ⑤ Select Stub Length



Example: MRB25M02T01A01S53

25-Pair Mini-Rocker Block, Fire Retardant, One Fanning Strip, Unprinted, Tailed with One 25-Pair Stub, 60" (1524mm), Category 3, Potted, Raw-Ended

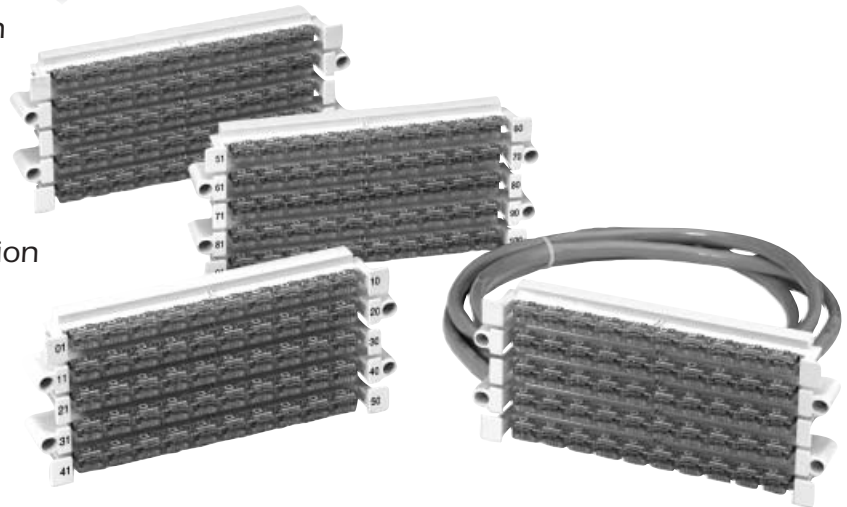
ACCESSORIES (REFER TO SECTION 7 FOR COMPLETE LISTING.)

Part No.	Description-Accessories
MRA-IRT1	Insulation removal tools – pack of 10
MRA-BCS	Bridge clip/field applied short – pack of 10
MRA-PBC	Pre-terminated bridge clip – each
MRA-TC36	Test clip 36" – each
MRA-TP01	Test probe
MRB-FSB25	F/R fanning strips – pack of 10
MRA-PMR	Red priority service marker – pack of 100
MRA-PMY	Yellow priority service marker – pack of 100
MRA-LH5	Label holder – 5-pair
MRA-RLK1	Replacement caps – pack of 10
MRA-RLK2	Replacement caps – pack of 25

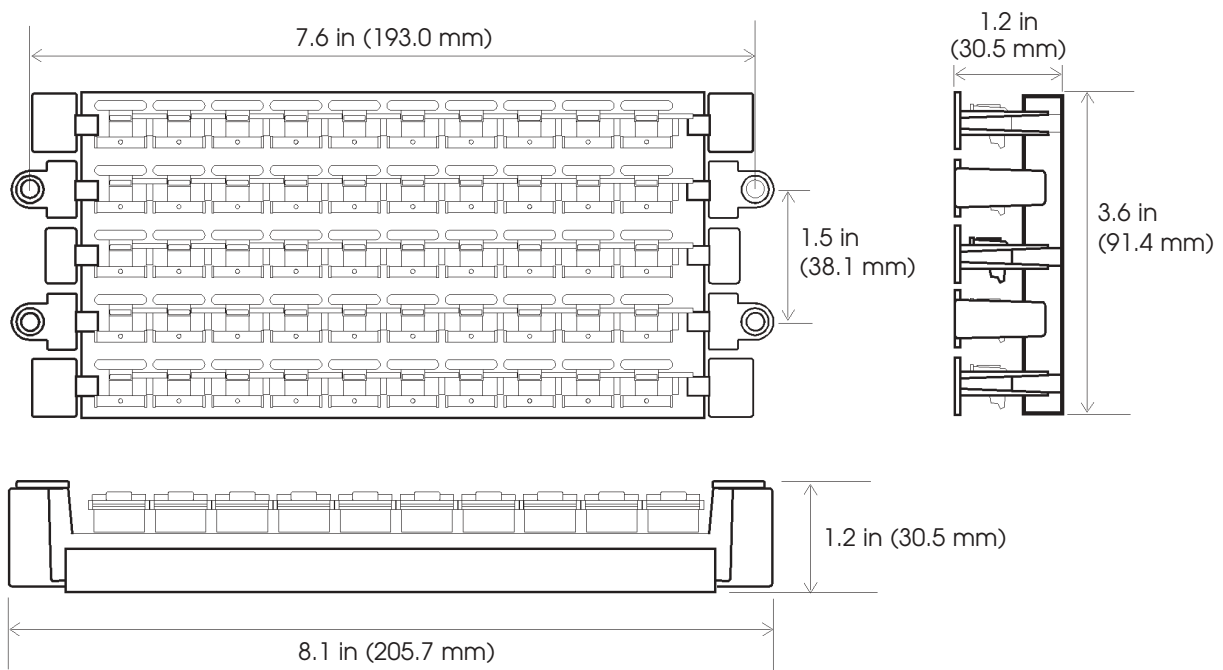
50-PAIR MINI-ROCKER UNTAILED OR TAILED BLOCKS

The modular 50-pair Mini-Rocker blocks are stackable, enabling cross-connect fields with any required pair counts to be configured for indoor and outdoor applications. Integral fanning strips and pair identification numbering tabs are incorporated as standard features. Customized blocks are available potted and tailed to length.

50-Pair
Blocks



DIMENSIONS



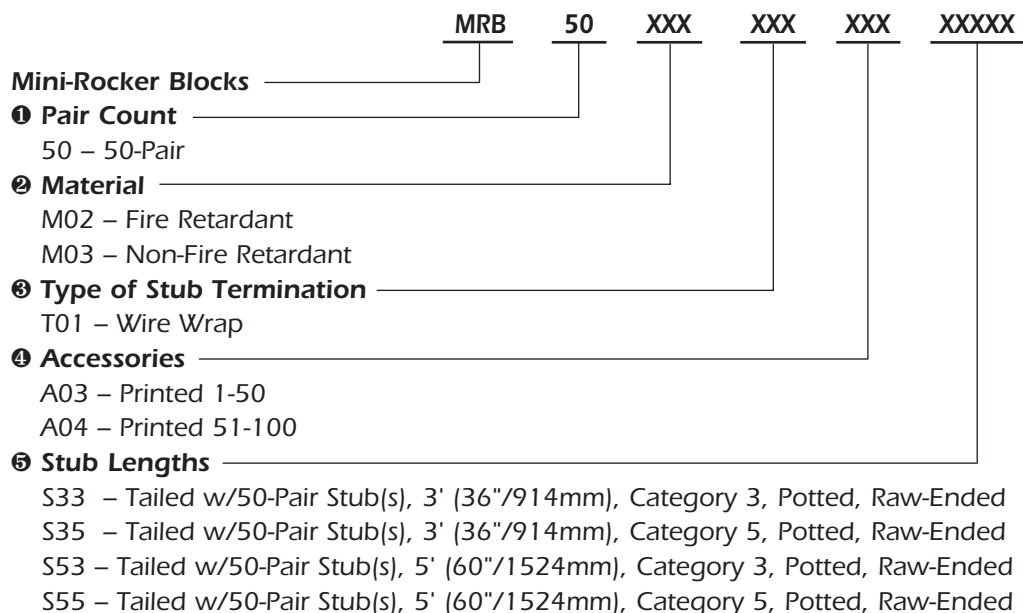
50-PAIR MINI-ROCKER UNTAILED OR TAILED BLOCKS

ORDERING INFORMATION

5

EASY STEPS:

- ① Select Pair Count
- ② Select Material
- ③ Indicate Stub Type
- ④ Select Accessories
- ⑤ Select Stub Length



Example: MRB50M02T01A03S53

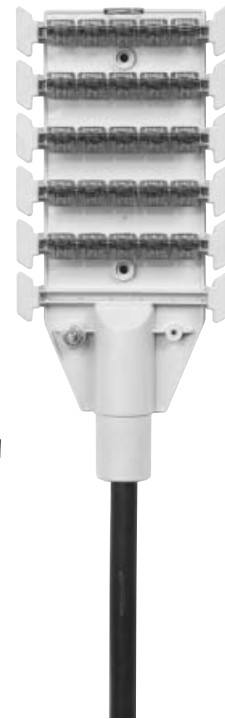
50-Pair Mini-Rocker Block, Fire Retardant, Wire Wrap, Printed 1-50, Tailed with Two 25-Pair Stubs, 5 ft., (60"/1524mm), Category 3, Potted, Raw-Ended

ACCESSORIES (REFER TO SECTION 7 FOR COMPLETE LISTING.)

Part No.	Description-Accessories
MRA-IRT1	Insulation removal tools – pack of 10
MRA-BCS	Bridge clip/field applied short – pack of 10
MRA-PBC	Pre-terminated bridge clip – each
MRA-TC36	Test clip 36" – each
MRA-TP01	Test probe
MRA-PMR	Red priority service marker – pack of 100
MRA-PMY	Yellow priority service marker – pack of 100
MRA-LH10	Label holder – 10-pair
MRA-LH5	Label holder – 5-pair
MRA-RLK1	Replacement caps – pack of 10
MRA-RLK2	Replacement caps – pack of 25

25-PAIR MINI-ROCKER TAILED TERMINAL BLOCK

The new 25-Pair Mini-Rocker Tailed Terminal Blocks come in a Category 5 rated IDC wire termination system that makes copper connectivity and wire management throughout your copper network simple, reliable and affordable.



Every aspect of the data ready Mini-Rocker's design has been optimized for ease of use. Wires are easy to insert, and secure connections are simple to establish and verify. Pair-at-a-time jumper connections speed up jumping, and easy line disconnections make service provisioning a snap. The Mini-Rocker requires no tools, making wire terminations fast and easy.

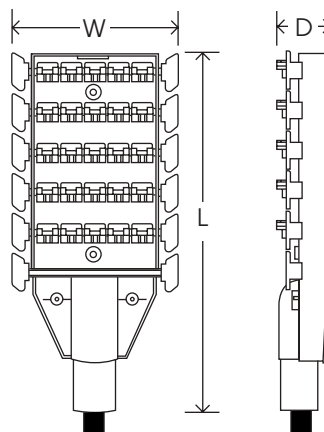
The "quiet front" design of the Mini-Rocker eliminates incidental shorts and interference. Mini-Rocker's gas tight connections provide a low and stable connection resistance. HVC (High Viscosity Compound) encapsulation blocks moisture and eliminates corrosion, ensuring trouble-free service in both internal and external installations.

FEATURES/BENEFITS

- 5 to 30 pair block configurations, filled/shielded, aircore or IW stub types and lengths of 4' or 15'
- "Pair-at-a-time" connections. Copper pairs remain twisted together, speeding jumper wiring and assisting in wire management
- Insulation displacement technology eliminates the need to strip wires resulting in faster on-site connections
- No tools required for termination. Finger-operated receivers and audible latch-down action eliminate problems of breakage through improper use of tools
- High Viscosity Compound (HVC) environmental encapsulation eliminates corrosion enabling connector to function in high humidity environments
- "Quiet front" design and easy test access eliminate shorts and need for disconnection during circuit testing
- IDC connectors accommodate most wire designs with conductor sizes from 26 AWG to 22 AWG
- Designed to comply with Telcordia Specification TR-NWT-000975

DIMENSIONS

Length: 10.00" (254.0mm)
Width: 4.50" (114.3mm)
Depth: 1.50" (38.1mm)



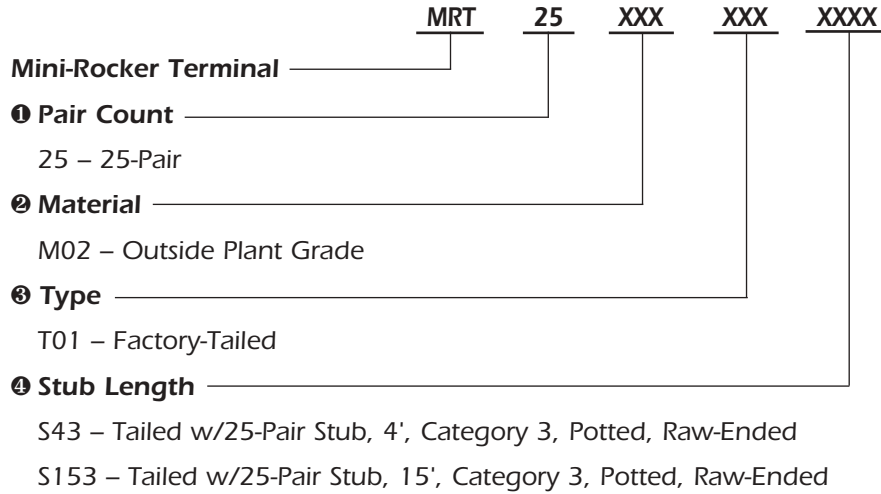
25-PAIR MINI-ROCKER TAILED TERMINAL BLOCK

ORDERING INFORMATION

4

EASY STEPS:

- ① Select Pair Count
- ② Select Material
- ③ Indicate Type
- ④ Select Stub Length

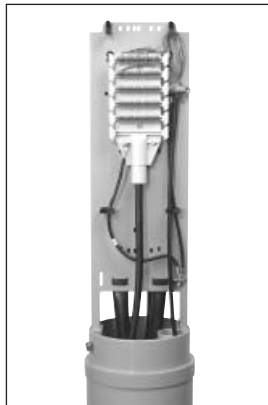


Example: MRT25M02T01S43

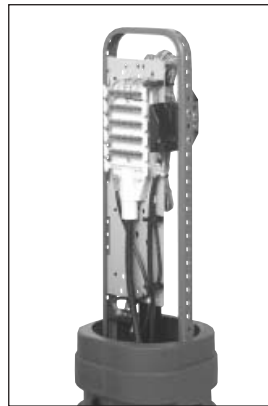
25-Pair Mini-Rocker Block, Fire Retardant, Wire-Wrap, Tailed with 25-Pair Stub, 4', Category 3, Potted, Raw-Ended

APPLICATIONS

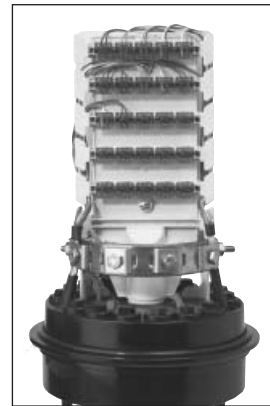
Mini-Rocker Tailed Terminal Blocks are ideally suited for both indoor and outdoor applications. HVC encapsulation eliminates corrosion, enabling the Mini-Rocker Blocks to function in high-humidity environments. The Mini-Rocker Block is equally at home in aerial, pedestal, wall mount, marina and subsurface installations.



CFP800 Shown With
25-Pair Mini-Rocker
Terminal Block



MAH77 Shown With
25-Pair Mini-Rocker
Terminal Block

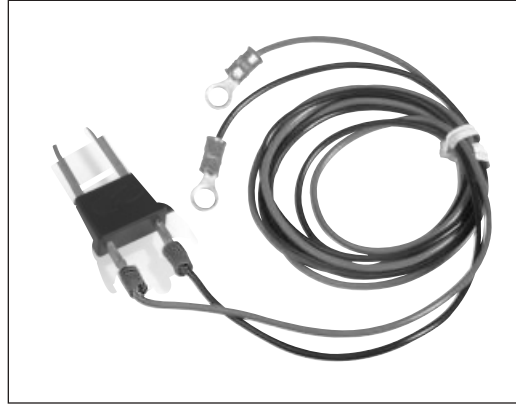


BMT609 Shown With
25-Pair Mini-Rocker
Terminal Block

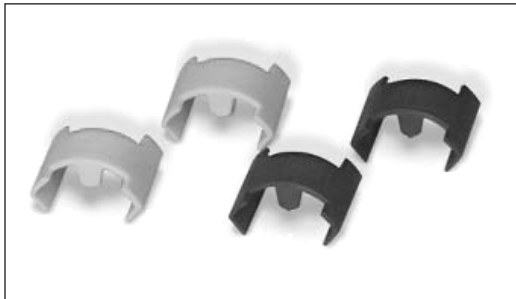
ACCESSORIES



20-Pair, 50-Pair, 100-Pair and 400-Pair
Mini-Rocker Backmount Frames



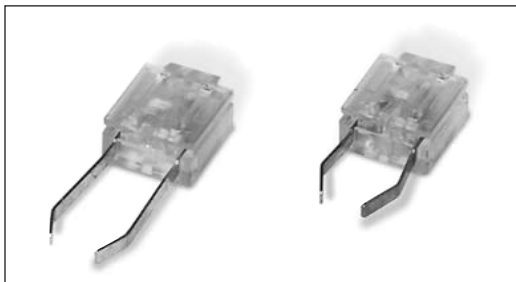
Test Clip



Priority Service Markers
Red and Yellow



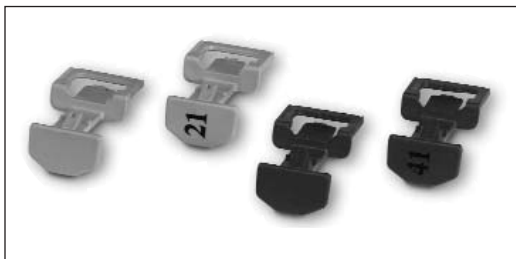
Pre-Terminated Bridge Clip



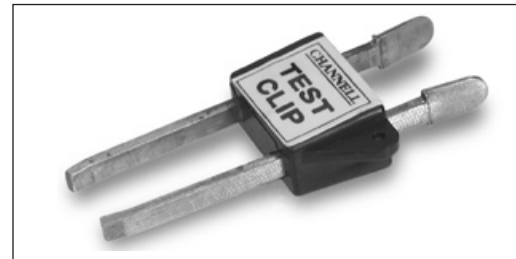
Field-Applied Bridge Clips



Replacement Caps



Release Levers
Printed and Unprinted



Test Probe

MINI-ROCKER ACCESSORIES

ACCESSORIES

Mini-Rocker connector systems are supported by a full range of accessories, enabling you to customize systems to meet your exact needs.

Part No.	Description-Accessories
MRA-IRT1	Insulation removal tools – pack of 10
MRA-BCS	Bridge clip/field applied short – pack of 10
MRA-PBC	Pre-terminated bridge clip – each
MRA-TC36	Test clip 36" – each
MRA-TC72	Test clip 72" – each
MRA-TS50	50-pair test shoe
MRA-TP01	Test probe
MRM-RLGS ¹	Green release lever (use with symmetrical 10-pair module) – unprinted (pack of 100)
MRM-RLGUS ¹	Green release lever (use with symmetrical 10-pair module) – unprinted (pack of 10)
MRM-RLGPS ¹	Green release lever (use with symmetrical 10-pair module) – printed 1-100 (pack of 10)
MRM-RLBS ¹	Blue release lever (use with symmetrical 10-pair module) – unprinted (pack of 100)
MRM-RLBUS ¹	Blue release lever (use with symmetrical 10-pair module) – unprinted (pack of 10)
MRM-RLBPS ¹	Blue release lever (use with symmetrical 10-pair module) – printed 1-100 (pack of 10)
MRB-FSB25 ²	F/R fanning strips – pack of 10
MRA-PMR	Red priority service marker – pack of 100
MRA-PMY	Yellow priority service marker – pack of 100
MRA-LH10 ¹	Label holder – 10-pair
MRA-LH5	Label holder – 5-pair
MRA-RLK1	Replacement caps – pack of 10
MRA-RLK2	Replacement caps – pack of 25
MRA-BFK10 ¹	10-pair Backmount frame kit
MRA-BFK20 ¹	20-pair Backmount frame kit
MRA-BFK50 ¹	50-pair Backmount frame kit
MRA-BFK100 ¹	100-pair Backmount frame kit
MRA-BFK400 ¹	400-pair Backmount frame kit

NOTE: ¹: 10-Pair Mini-Rocker Modules Only.

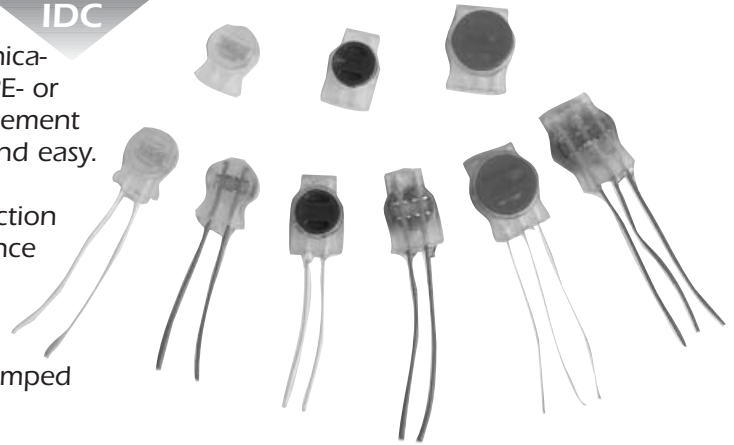
²: 25-Pair Blocks Only.

DISCRETE IDC CONNECTORS

Channell's 8 Series discrete connectors feature tin-plated copper alloy contacts and polypropylene bodies to ensure reliable connections in copper and aluminum telecommunications cable networks. They can be used with PE- or PVC-insulated wires, and use insulation displacement technology (IDC), making connections quick and easy.

8 Series connectors are filled with high viscosity sealing compound that ensures protection of the connections, excellent insulation resistance and good electrical performance even in extreme environmental conditions. Unfilled connectors are also available for internal plant applications. All 8 series IDC connectors are crimped using standard parallel action crimping pliers.

Discrete
IDC

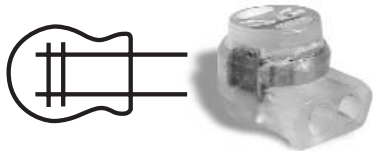


FEATURES/BENEFITS

- Accepts 26 AWG to 19 AWG wire (0.4 to 0.9mm)
- Connects wires with up to 0.08" (2.06mm) outer diameter (including insulation)
- Colored caps available for easy connector identification
- Complies with Telcordia Specification #TR-NWT-000979

8A CONNECTOR

The 8A connectors are compact in design and are ideal for use where splicing/jointing space is limited. 8A connectors can be used on any combination of two conductor sizes.

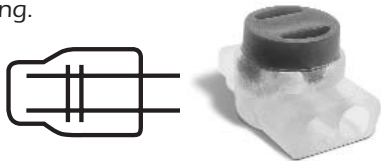


Part No.	Description	Length	Width	Height open	Height closed	Max. conductor diameter including insulation
CON8010	8A connector (Qty 1000)	0.49 (12.40)	0.38 (97.5)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)
CON8010-PACK	8A connector, Clear (Qty 500)	0.49 (12.40)	0.38 (97.5)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)

Dimensions in inches (mm)

8A/1 CONNECTOR

The 8A/1 can be used on any combination of two conductors. The ports extend beyond the body of the connector so that it is easy to see that the wires are properly inserted before crimping.

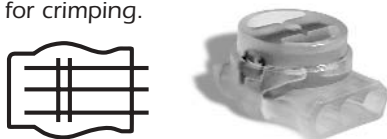


Part No.	Description	Length	Width	Height open	Height closed	Max. conductor diameter including insulation
CON8025	8A/1 connector (Qty 1000)	0.58 (14.85)	0.38 (9.75)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)
CON8025-PACK	8A/1 connector, Clear (Qty 500)	0.58 (14.85)	0.38 (9.75)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)
CON8025BC-PACK	8A/1 connector, with Blue Cap (Qty 500)	0.58 (14.85)	0.38 (9.75)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)

Dimensions in inches (mm)

8B CONNECTOR

The 8B is a two- or three-wire connector, which can be used to connect any combination of two or three wires. When only two wires are connected, the middle port can be used for test access. The connector has an extended body, so that it is easy to see when the wires are correctly inserted beyond the connecting element, and are correctly positioned for crimping.



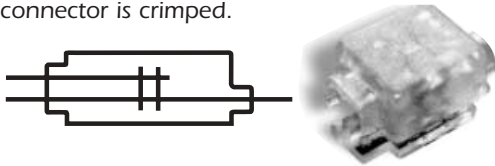
Part No.	Description	Length	Width	Height open	Height closed	Max. conductor diameter including insulation
CON8110-PACK	8B connector Clear (Qty 500)	0.64 (16.25)	0.50 (12.65)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)
CON8110RC-PACK	8B connector, with Red Cap (Qty 500)	0.64 (16.25)	0.50 (12.65)	0.35 (9.00)	0.25 (6.40)	0.08 (2.06)

Dimensions in inches (mm)

DISCRETE IDC CONNECTORS

8C/1 CONNECTOR

The 8C/1 is a half-tap connector which can be used to connect any combination of two wires. Maximum insulation diameter is 0.08" (2.06mm) for the through wire and 0.08" (2.06mm) for the tap wire. The 8C/1 connector is easy to use. The new wire is simply inserted and secured by finger crimping before the tapped wire is introduced and the connector is crimped.



Part No.	Description	Length	Width	Height open	Height closed	Max. conductor diameter including insulation
CON8223	8C/1 connector (Qty 1000)	0.61 (15.40)	0.45 (11.50)	0.36 (9.20)	0.23 (5.80)	0.08 (2.06)

Dimensions in inches (mm)

11A CONNECTOR

The 11A make-before-break connector is ideal for "in service" maintenance applications in copper or aluminum telephone networks, as well as offering reliable connections for new installations. The connector provides a "make before break" cutover. Simply position on the existing connection and crimp in place. The crimping action makes the new connection first, before cutting off the old connector, ensuring no loss of service. The 11A connector also incorporates a test access point for line testing.



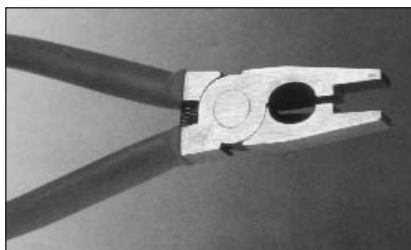
Part No.	Description	Length	Width	Height open	Height closed	Max. conductor diameter including insulation
CON8300-PACK	11A connector Clear (Qty 500)	0.50 (12.60)	0.49 (12.50)	0.36 (9.30)	0.23 (5.80)	0.08 (2.06)

Dimensions in inches (mm)

SPECIFICATIONS

Material	
Body	Polypropylene
Contact base material	Hard copper alloy
Contact finish	Tin alloy
Sealant	High viscosity sealing compound

ACCESSORIES



Ordering reference	Description
JTL2916	Series 8 Connector Crimping Plier

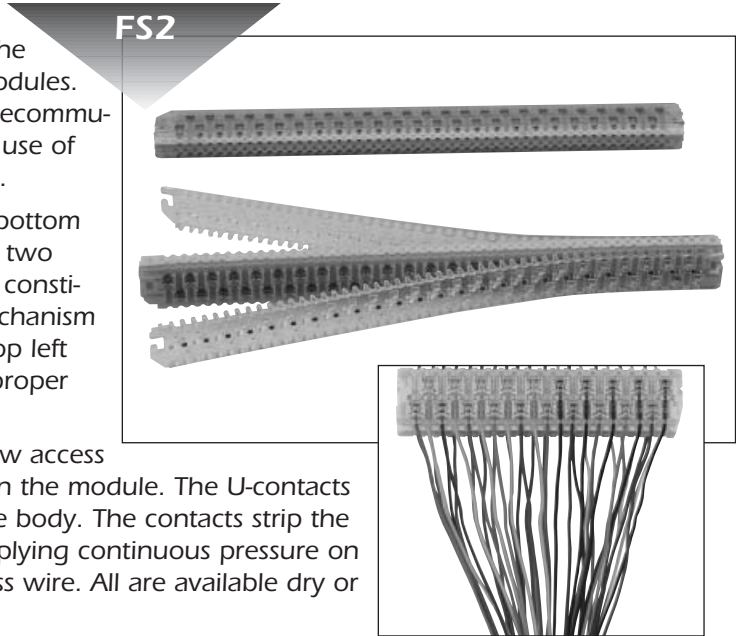
FS2 CONNECTOR MODULES

Channell's FS2 25-pair, 20-pair and 10-pair connector modules are fully compatible with the commonly used MS²-style industry standard modules. They allow high speed, accurate splicing of telecommunication cables. FS2 modules ensure optimum use of space, reducing the splice/jointing bundle size.

Each module consists of four molded parts, a bottom cover, bottom block, top block and cover. The two blocks are ultrasonically welded, and together constitute the body of the connector. A latching mechanism locks the covers and the body together. The top left hand corner of each module is cut to ensure proper orientation of the module during crimping.

Built-in test ports opposite each wire entry allow access for testing of circuits without any need to open the module. The U-contacts and wire cut-off blades are held securely in the body. The contacts strip the insulation and complete the connection by applying continuous pressure on the conductors while the blades trim the excess wire. All are available dry or filled with environmental sealing encapsulate.

A plastic adapter, provided free with every 20 modules, holds the module firmly in place during crimping and prevents the possibility of high resistance connections.



FEATURES/BENEFITS

- 25-pair and 20-pair modules accommodate conductors from 0.012" to 0.031" (0.32 to 0.8mm) diameter (28 to 20 AWG) with an overall diameter of up to 0.06" (1.65mm) over insulation
 - 10-pair module accommodates conductors from 0.016" to 0.035" (0.4 to 0.9mm) diameter (26 to 19 AWG) with an overall diameter of up to 0.08" (1.95mm) over insulation
 - Encapsulated versions available; no grease boxes required
 - Test ports allow continuity testing without disassembly of modules
 - Compatible with MS²*
- *MS² is a registered trademark of 3M.

ORDERING INFORMATION

Ordering reference	Qty	Type	Configuration	Length	Width	Height
25-pair connector module						
CON5000	100	Filled	Straight Gold/ivory	6.5 (165.10)	0.56 (14.35)	0.41 (10.55)
CON5010	100	Filled	Half-tap Green/ivory	6.5 (165.10)	0.56 (14.35)	0.41 (10.55)
CON5030	100	Dry	Straight Gold/ivory	6.5 (165.10)	0.56 (14.35)	0.41 (10.55)
CON5040	100	Dry	Half-tap Green/ivory	6.5 (165.10)	0.56 (14.35)	0.41 (10.55)
20-pair connector module						
CON5100	100	Filled	Straight Gold/ivory	5.31 (134.98)	0.58 (14.72)	0.42 (10.70)
CON5110	100	Filled	Half-tap Green/ivory	5.31 (134.98)	0.58 (14.72)	0.42 (10.70)
CON5130	100	Dry	Straight Gold/ivory	5.31 (134.98)	0.58 (14.72)	0.42 (10.70)
CON5140	100	Dry	Half-tap Green/ivory	5.31 (134.98)	0.58 (14.72)	0.42 (10.70)
10-pair connector module						
CON5200	100	Filled	Straight Gold/ivory	2.89 (73.52)	0.56 (14.30)	0.42 (10.60)
CON5210	100	Filled	Half-tap Green/ivory	2.89 (73.52)	0.56 (14.30)	0.42 (10.60)
CON5230	100	Dry	Straight Gold/ivory	2.89 (73.52)	0.56 (14.30)	0.42 (10.60)
CON5240	100	Dry	Half-tap Green/ivory	2.89 (73.52)	0.56 (14.30)	0.42 (10.60)

Dimensions in inches (mm)

FS2 ACCESSORIES/SPECIFICATIONS

FS2 ACCESSORIES

Ordering reference	Description
CON5001	Transparent bases for 25-pair connector module (box of 100)
CON5101	Transparent bases for 20-pair connector module (box of 100)
CON5201	Transparent bases for 10-pair connector module (box of 100)

SPECIFICATIONS

Materials	
Module	Polycarbonate UL 94V0 rated
Contacts	Phosphor bronze
Cutting blades	Stainless steel
Sealant	Fully synthetic filling compound

All Channell connectors meet international standards for cable splicing, and have been qualified by independent accredited testing authorities worldwide. Electrical, environmental and mechanical performance tests have been carried out, as detailed below.

Performance		
Electrical	Environmental	Mechanical
Contact resistance	Insulation resistance	Latching
Contact current	Operating temperature	Pull test
High voltage surge	Humidity	Connectability
Dielectric strength	Water immersion	
Insulation resistance	Temperature cycle Thermal aging Vibration Oxygen Induction Test (in excess of 30 minutes)	

FS2 SPLICING EQUIPMENT

The FS2 modular connector system simplifies cable splicing by allowing multiple operations to be performed at the same time. The module is held in place in the rig as the wires are guided into color-coded holders, making it easy to check the color sequence before crimping. All pairs are crimped and cut in one operation.

The Channell FS2 splicing rig is fully interchangeable with leading industry brands, so there is no need for re-training on tooling equipment or splicing techniques. It can be used for both one-man fold-back and in-line splicing.

Ordering reference	Description
JTL5400	Complete splicing rig for 25-pair and 20-pair FS2 connector modules
JTL5500	Hand held crimping tool for 10-pair FS2 connector modules

NOTES

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