

- Lightweight, compact, and economical means of splicing multiconductor telephone cable
- Require 33% less space than other comparable techniques
- No prestripping or cutting required; fast and easy installation

PICABOND connectors provide an economical and reliable means of splicing multiconductor telephone cable.

PICABOND connectors are manufactured from tin-plated phosphor bronze and tin-plated brass with bonded polyester insulation. Color coding of the insulation is provided to denote wire size and weather-resistant type. Any solid core wire, 28 to 19 AWG (0.32 – 0.90 mm), with pulp, paper or plastic insulation can be spliced.

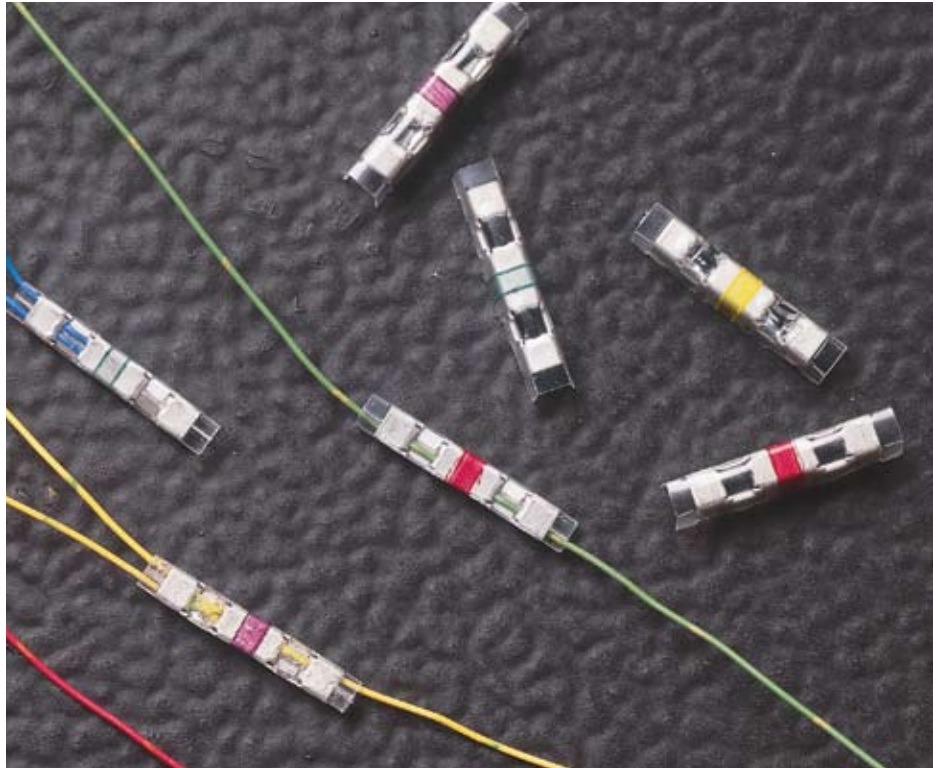
Lightweight and compact, PICABOND splices reduce the space required over other splicing techniques by up to 33%. Straight, butt, tap, and bridge splices can be made with these connectors.

Advantages:

- Saves time — no prestripping or cutting required, can tap without service interruptions, eliminates "turndowns"
- Versatile — Color-coded to indicate size and type of wire; used for butt, straight, bridge and half-tap applications
- Economical — Lower applied cost, minimum training required, higher application rates

Applications:

- Splicing
- Central Office
- Manhole
- Aerial Pole
- CEV
- Pedestal
- Demarcation Points

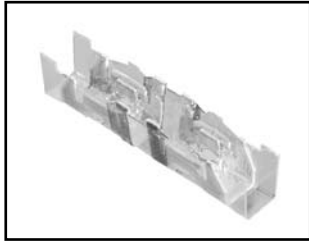


For Standard and Load Coil Connectors

| Tool Style | Part Numbers (Select Appropriate Kit) | | | |
|---|--|--|---|---|
| VS-BA Long Handle Comfort Hand Tool | 244271-6 Hand Tool Only IS 408-7280 408-7326 | 229755-1 Tool Holder Only IS 408-7655 | | |
| VS-3 for loose-piece connectors | 244271-1 Hand Tool Only IS 408-7280, 408-7326 | 244271-5 Hand Tool with Tool Holder IS 408-7280 | 229755-1 Tool Holder Only IS 408-7655 | 91333-1 Long Handle Upgrade Kit |
| MA-6U for strip or loose-piece connectors | 231102-5 Applicator Kit w/30" (762) support bar and 18" (457) extension IS 408-3168 | 231102-6 Applicator Kit w/30" (762) support bar, and 27" (686) ext. IS 408-3168 | 231102-4 Applicator Kit w/30" (762) support bar IS 408-3168 | 231039-2 Applicator Only IS408-3168 |
| MA-6B for loose-piece connectors | 248010-3 Applicator Kit w/27" (686) extension IS-408-7418 | 248010-1 Applicator Kit w/o extension IS 408-7418 | 247329-1 Applicator Only IS 408-7418 | |
| MR-1 (MR-1U) for loose-piece connectors | 251101-1 Hand Tool Only IS 408-7306, 408-7449 | | | |
| For Mini Connectors MA-10 for strip connectors | 229528-5 or 229528-1 Applicator Kit IS 408-7445 | 229534-1 Applicator Only | | |
| MVS-3 for loose-piece connectors | 244271-3 Hand Tool Kit IS 408-6539 | 230971-2 Hand Tool Only | 229755-1 Tool Holder Only IS 408-7655N | |

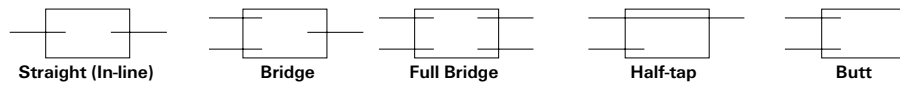
PICABOND Connector Tooling Accessory Items

| Description | Applicable | Part Number | Instruction Sheet |
|---------------------------------|--|--|--|
| Wire Support Replacement Kit | (MA-6) (MA-10) (MA-6U) (VS-3, MR-1) | 229284-1 229430-1 231282-1 229188-1 | 408-7670 408-7581 408-3193 408-7474 |
| Extension Bar | 18 in. (457 mm) (MA-10) 27 in. (686 mm) (MA-10) 18 in. (457 mm) (MA-6, MA-6U) 27 in. (686 mm) (MA-6, MA-6U) | 229308-3 229308-4 229308-1 229308-2 | 408-7445 408-7445 408-3168 408-7475 |
| Crimp Height Gauge | (Std. PICABOND Connectors) (Mini PICABOND Connectors) | 229230-1 229640-1 | — — |
| Cleaning Kit | (VS-3, MA-6, MA-6U) (MR-1) (MA-10) | 229333-1 81041-1 229334-1 | 408-7534 408-9408 408-7534 |
| Cleaner-Lubrication | (WD-40) | 24358-3 | — |
| Shear Pin Kit | (MA-10) | 229313-1 | 408-7638 |
| Cutter Blade Kit | (MA-10, MA-6U) | 229314-1 | — |
| Wire Hold Back | (MA-6) | 229668-1 | 408-7619 |



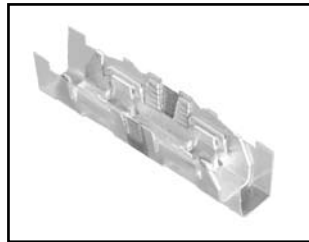
Standard Connector

Typical Splicing Applications



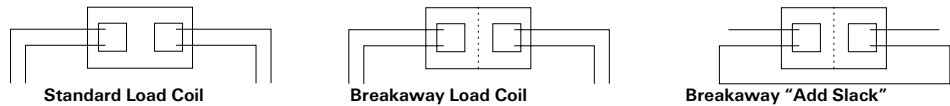
| | Cable Types & Wire AWG | | | | Part Numbers | | |
|-------------|--------------------------|--------------|-----------------|---------------|--------------|----------|-----------|
| | Color Code | Air Core PIC | Foam Filled PIC | Pulp or Paper | Loose Piece | Strip | Bag of 55 |
| Bronze | Orange* | 28-24 | — | 28-24 | 61899-1 | — | |
| | Green* | 26-22 | — | 26-22 | 60945-4 | 60944-6 | 406587-1 |
| | Red* | 24-19† | — | 24-19† | 60947-3 | 60946-4 | 406588-1 |
| | Purple Weather Resistant | 26-22 | 26-24 | — | 61226-2 | 229915-2 | 406585-1 |
| | Yellow Weather Resistant | 24-19 | 24-22*-19**† | — | 61292-2 | 229917-2 | 406586-1 |
| Tool Set-up | 26-22 | — | — | 60945-8 | | | |
| Brass | Green | 26-22 | — | 26-22 | 60945-1 | — | |
| | Red | 24-19† | — | 24-19† | 60947-1 | — | |
| | Purple Weather Resistant | 26-22 | 26-24 | — | 61226-1 | 229915-1 | |
| | Yellow Weather Resistant | 24-19 | 24-22*-19**† | — | 61292-1 | 229917-1 | |

†One 19 AWG (.9mm) wire on each end, .080" (2.03mm) max. insulation diameter.
*RUS listed



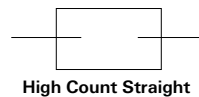
Load Coil Standard Connector

Typical Splicing Applications



| | Cable Types & Wire AWG | | | | Part Numbers | |
|--------|--|--------------|-----------------|---------------|--------------|----------|
| | Color Code | Air Core PIC | Foam/Filled PIC | Pulp or Paper | Loose Piece | Strip |
| Bronze | Green/Amber | 26-24*-22* | — | 26-22 | 552576-2 | — |
| | Purple/Amber Weather Resistant | 26-24*-22* | 26-24*-22* | — | 552639-2 | 552639-1 |
| | Green/Amber Breakaway | 26-24*-22* | — | 26-22 | 552647-2 | — |
| | Purple/Amber Weather Resistant Breakaway | 26-24*-22* | 26-24*-22 | — | 552769-2 | — |

Typical Splicing Application



Mini Connector

| | Cable Types & Wire AWG | | | | Part Numbers | |
|--------|-------------------------------|--------------|-----------------|---------------|--------------|----------|
| | Color Code | Air Core PIC | Foam/Filled PIC | Pulp or Paper | Loose Piece | Strip |
| Bronze | Blue | 26-22 | — | 26-22 | 552041-4 | 552041-3 |
| | Blue | 26-22 | — | 26-22 | 552041-2 | 552041-1 |
| Brass | Blue/White Weather Resistant | 26-22 | 26-22 | — | — | 552439-1 |
| | Brown | 24-19 | — | 24-19 | 552043-2 | 552043-1 |
| | Brown/White Weather Resistant | 24-19 | 24-19 | — | — | 552440-1 |
| | Pink | 28-24 | — | 28-24 | 552466-2 | — |

Note:
*Preferred Usage
**Ins. O.D. .067-.080" (1.70-2.03mm)

Loose Piece—1000 per box
Strip—1000 pieces
Bag of 55—min. order 20 bags

Number of Wires per Connector End

| Wire Size AWG | Connectors | |
|---------------|-----------------------------|------|
| | Standard/Loadcoil | Mini |
| 22 - 28 | 1 or 2 | 1 |
| 19 | 1 or 1 (19) and 2 (22 - 28) | 1 |

PICABOND Connector VS-3 and VS-3A Tool

VS-3 Hand Tool Training Video
198140—NTSC version
199608—Pal version

Comprehensive Tool Training Video
198017—NTSC version
199511—PAC version

PICABOND Connector Applicator Kits Contents

Each kit contains a mounting bar with J-hooks, an applicator clamp (to attach applicator bar), an instruction sheet, and support legs.

Note: The MA-10 Kit also contains a reel holder.



Technical Documents

To order any of these documents, call our 24-hour fax-on-demand line at 1-800-522-6752.

Product Specifications

108-6008 (Mini Strip)
108-6009 (Mini)
108-6011 (Standard)
108-6014 (Mini Strip)
108-6015 (Mini Strip)

Application Specifications

114-6002 (Standard)
114-6004 (Load Coil)
114-6006 (Load Coil)
114-6012 (Mini)
114-6025 (Mini)

Instruction Sheets

408-6513
(Standard, Load Coil, Mini Strip)
408-6539 (Mini)
408-7418
(Standard, Load Coil LP)
408-7457
(Standard, Load Coil LP)
408-7657 (Mini)
408-7658 (Mini)

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