

CommScope's PICABOND connectors provide an economical and reliable method for splicing multi-conductor telephone cables.

They are manufactured from tin-plated phosphor bronze with bonded polyester insulation. Color coding of the insulation is provided to denote the 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.

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.

Connectors can be used for splicing in the central office, a manhole, on an aerial pole, a pedestal and at demarcation points.



Features

- Lightweight, compact, and economical means of splicing multi-conductor telephone cable
- Requires 33 percent less space than other comparable techniques
- No pre-stripping or cutting required; fast and easy installation
- Saves time — no pre-stripping 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

General attributes & characteristics

- Product specifications
 - PROP 5579A - TS for Picabond
- Application specifications
 - 114-6002 Standard
 - 114-6025 Mini
- Tools
 - 408-6539 VS-3M Mini
 - 408-7280 VS-3 Standard
 - 408-7306 MR-1 Standard
 - 408-7658 MR-1M Mini
- Accessory Items
 - 408-7474 wire replacement VS-3 & MR-1

Design and configurations

	Conductor size	Picabond mini	Picabond standard
Number of wires per connector end	0.32-0.64 mm (22-28 AWG)	210x120x45mm	1 or 2
	0.8-0.9 mm (20-19 AWG)*		1 or combination 1x 0.8-0.9 mm (20-19 AWG)* and 1x 0.5-0.64 mm (22-28AWG)

***NOTE:** Only one 0.8-0.9mm (20-19 AWG) wire on each connector end

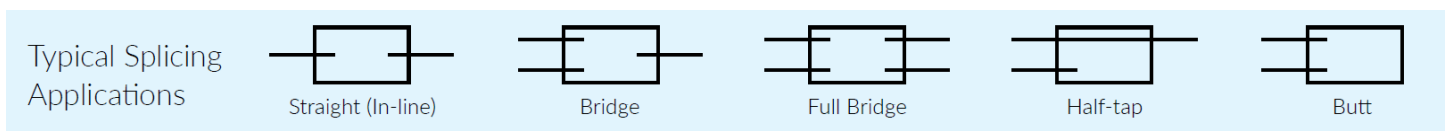


Standard connector



Mini connector

Product offering - Picabond standard



Color Code	Cable type and wire gauge			Part Numbers	
	Air Core PIC	Foam filled PIC	Pulp/Paper	Loose Piece	Strip
Green (1)	26-22 AWG 0.4-0.64 mm		26-22 AWG 0.4-0.64 mm	60945-4	60944-6
Red (1)	24-19 (3) AWG 0.5-0.9 mm		24-19 (3) AWG 0.5-0.9 mm	60947-3	60946-4
Purple Weather Resistant	26-22 AWG 0.4-0.64 mm	26-24 AWG 0.4-0.5 mm		61226-2	229915-2
Yellow Weather Resistant	24-19 AWG 0.5-0.9 mm	24-22 (2)-19 (3) AWG 0.5-0.64 (2)-0.9 (3) mm		61292-2	229917-2

Loose Pieces - 1000pcs/box, Strip - 1000pcs on strip

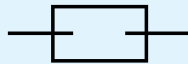
(1) RUS Listed

(2) Preferred Usage

(3) Only one 0.8-0.9mm (20-19 AWG) wire on each end, .080" (2.03mm) max. insulation diameter

Product offering - Picabond standard

Typical Splicing Applications



High Count Straight

Color Code	Cable type and wire gauge		Part Numbers	
	Air Core PIC	Pulp/Paper	Loose Piece	Strip
Blue	26-22 AWG 0.4-0.64 mm	26-22 AWG 0.4-0.64 mm	552041-4	552041-3

Loose Pieces - 1000pcs/box, Strip - 1000pcs on strip

Product offering - Picabond tooling

Tooling			Connector type	
Type	Description	Order No.	Standard	Mini
MR-1	MR-1 Hand Tool Std	9-251101-1	X	
MR-1	MR-1M Hand Tool Mini	9-251101-4		X
VS-3 kit	VS-3 Hand Tool Kit Std	9-244271-1	X	
VS-3 kit	VS-3M Hand Tool Kit Mini	9-244271-3		X
VS-3 kit	VS-3 Hand Tool Kit Std long handle	9-244271-6	X	

Product offering - Picabond tooling accessories and spare parts

Tooling accessories and spare parts		
Description	Applicable for	Order No.
Wire support Replacement kit	VS-3, MR-1 - STANDARD	9-299188-1
	VS-3M, MR-1M - MINI	9-299188-2
Crimp Height Gauge	PICABOND Connector - STANDARD	9-299230-1
	PICABOND Connector - MINI	9-299640-1



MR-1 9-251101-1



VS-3 9-244271-1

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