

PICABOND

Connectors

PICABOND connectors provide an economical and reliable Method for splicing multi-conductor telephone cables.

PICABOND connectors are manufactured from tin-plated phosphor bronze with bonded polyester insulation. Colour 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.

Features

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

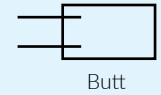
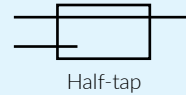
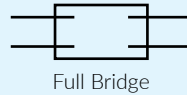
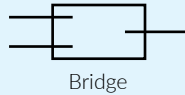
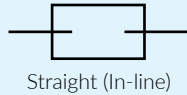
Advantages

- 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

Applications

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

Typical Splicing Applications



Size - STANDARD	Cable type and wire gauge			Part Numbers		
Colour Code	Air Core PIC	Foam filled PIC	Pulp/Paper	Loose Piece	Strip	Bag Of 55
Orange (6)	28-24 AWG 0.32-0.51 mm		28-24 AWG 0.32-0.51 mm	61899-1 (1)		
Green (6)	26-22 AWG 0.4-0.64 mm		26-22 AWG 0.4-0.64 mm	60945-4 (1) 1-60945-3 (2)	60944-6 (1)	406587-1
Red (6)	24-19 (3) AWG 0.5-0.9 mm		24-19 (3) AWG 0.5-0.9 mm	60947-3 (1) 394765 (2)	60946-4 (1)	406588-1
Purple Weather Resistant	26-22 AWG 0.4-0.64 mm	26-24 AWG 0.4-0.5 mm		61226-2 (1) 61226-3 (2)	229915-2 (1)	406585-1
Yellow Weather Resistant	24-19 AWG 0.5-0.9 mm	24-22 (4)-19 (3,5) AWG 0.5-0.63 (4)-0.9 (3,5) mm		61292-2 (1) 61292-3 (2)	229917-2 (1)	406586-1

(1) Loose Pieces: 1000/box / Strip 1000/box

(2) Loose Pieces 250/box

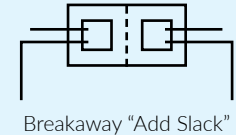
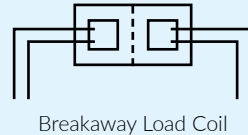
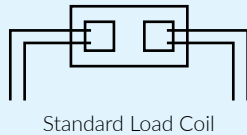
(3) One 19 AWG (.9mm) wire on each end, .080" (2.03mm) max. Insulation diameter

(4) Preferred Usage

(5) Ins. O.D.067 - .080" (1.70 - 2.03mm)

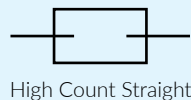
(6) RUS Listed

Typical Splicing Applications



Size - STANDARD	Cable type and wire gauge			Part Numbers	
Colour Code	Air Core PIC	Foam filled PIC	Pulp/Paper	Loose Piece	Strip
Green/Amber	26-22 (4) AWG 0.4-0.64 (4) mm		26-22 AWG 0.4-0.64 mm	552576-2 (1)	
Purple/amber Weather resistant	26-22 (4) AWG 0.4-0.64 (4) mm	26-22 (4) AWG 0.4-0.64 (4) mm		552639-2 (1)	552639-1 (1)
Green/Amber Breakaway	26-22 (4) AWG 0.4-0.64 (4) mm		26-22 AWG 0.4-0.64 mm	552647-2 (1)	
Purple/amber Weather resistant Breakaway	26-22 (4) AWG 0.4-0.64 (4) mm	26-22 (4) AWG 0.4-0.64 (4) mm		552769-2 (1)	

Typical Splicing Applications



Size - MINI	Cable type and wire gauge		Part Numbers	
Colour Code	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 (1) 394758-0 (2) 2315146-1 (2) EMEA/APAC only	552041-3 (1)
Brown	24-19 AWG 0.5-0.9 mm	24-19 AWG 0.5-0.9 mm	552043-4 (1) 394759-1 (2)	552043-3 (1)
Pink	28-24 AWG 0.32-0.51 mm	28-24 AWG 0.32-0.51 mm	552466-4 (2)	552466-6 (1)

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	AWG	mm	Wire size Standard/load coil	Wire size connectors mini
Number of wires per connector end	22 - 28	0.32 - 0.64	1 or 2	1
	19	0.9	1 or 1 (AWG19 mm 0.9) and 1 (AWG 22-28 mm 0.32-0.64)	1



Standard connector



Load Coil connector



Mini connector

Tool			Connector	
Description		Part Number	Standard	Mini
MR-1	MR-1 Hand Tool Std	251101-1	X	
MR-1	MR-1M Hand Tool Mini	251101-4		X
VS-3 kit	VS-3 Hand Tool Kit Std	244271-1	X	
VS-3 kit	VS-3 Hand Tool Kit Mini	244271-3		X
VS-3 kit	VS-3 Hand Tool Kit Comfort Std	244271-6	X	

PICABOND connector tooling accessory items

Description	Applicable	Part Number
Tool holder	VS-3,MR-1	229755-1
Wire support Replacement kit	VS-3,MR-1 STD	229188-1
	VS-3,MR-1 MINI	229188-2
Crimp Height Gauge	Std PICABOND Connector	229230-1
	Mini PICABOND Connector	229640-1
Cleaning kit	VS-3, MR-1	229333-1
Cutter blade Kit	MA-10, MA-6U	229314-1

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PICABOND tools



MR-1 251101-1



VS-3 244271-1

Product Specifications	Application Specifications	Instruction Sheets
108-6009 PICABOND mine and std. 108-6011 Std. and weather resistant PICABOND 108-6014 PICABOND load coil 108-6015 PICABOND breakaway	114-6002 Standard 114-6004 load coil 114-6006 breakaway 114-6025 mini	TOOLS 408-6539 VS-3 kit 244271-3 408-7280 VS-3 kit 244271-1, 244271-5, 244171-6 408-7306 MR-1 251101-1 408-7658 MR-1M 251101-4 ACCESSORY ITEMS 408-3193 wire replacement kit for MA-6U 408-7474 wire replacement kit for VS-3 + MR-1 408-7534 cleaning kit 408-7655 tool holder for VS-3



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