



# Tel-Splice

## Telephone cable splice connectors

Tel-Splice connectors provide an economical and reliable means of splicing telephone cable conductors. They are available in several configurations for different applications.

### Advantages

- Durable - Highly resistant to moisture and chemical attack; flame retardant models available.
- Economical - lower applied cost; IDC (installation displacement connectors), gas tight connections, no prestripping required, means minimal operator preparation.
- Versatile - Available filled or unfilled; color coded for easy identification: 2-wire, 3-wire, half-tap and Clear & Cap in loose piece or welded sticks..

### Applications

- Load coils
- Stub cables
- Ready access terminals
- Trunk and tool cables.

### Technical specifications

- 108-6021 all 2 wire, 3 wire, and 1/2 tap versions, except flame retardant
- 108-6042 all flame retardant versions
- 108-6075 clear and cap
- MSDS for filled product 125-6332.

## Product overview

### Tel-Splice US version

			Cartridge* part number		Welded sticks part number		Description	Gel <sup>3</sup>	Housing color	Contact material <sup>4</sup>	Max.OD (in mm)
			56/cart. <sup>1</sup>	72/cart. <sup>1</sup>	20/stick <sup>2</sup>	15/stick <sup>2</sup>					
1-552795-2	-	552795-2	-	552966-2	1389031-2	-	2-Wire	F	Translucent <sup>5</sup>	PBTP	0.080-2.03
1-552795-4	-	552795-4	-	552966-4	1389031-1	-		D	Yellow <sup>5</sup>	PBTP	0.080-2.03
1-553395-1	-	-	-	552966-5	-	-		D	Clear F/R <sup>6</sup>	PBTP	0.080-2.03
1-552678-2	552678-2	-	552965-2	-	-	1389032-2	3-Wire	F	Translucent <sup>5</sup>	PBTP	0.080-2.03
1-552678-4	552678-4	-	552965-4	-	-	1389032-1		D	Yellow	PBTP	0.080-2.03
1-553759-1	-	-	406908-1	-	-	1389032-3		D	Clear F/R <sup>6</sup>	PBTP	0.080-2.03
1-552678-7	-	-	-	-	-	-	-	F	Red	PBTP	0.080-2.03
1-553017-2	-	553017-2	-	553744-2	1389030-2	-	1/2 tap	F	Translucent Blue <sup>5</sup>	PBTP	0.080-2.03
1-553017-7	-	-	-	-	-	-		F	Green	PBTP	0.080-2.03
1-553017-4	-	553017-4	-	553744-4	1389030-1	-		D	Yellow	PBTP	0.080-2.03
1-553397-1	-	553397-1	-	553744-5	1389030-3	-		D	Clear F/R <sup>6</sup>	PBTP <sup>7</sup>	0.080-2.03
5-554374-1	-	5-554374-3	-	554897-1	1479842-1	-	Clear & Cap	F	Green	N/A	0.080-2.03
-	-	5-554374-7	-	554897-2	-	-		D	Green	N/A	0.080-2.03

\*Note: Available only to customers with appropriate cartridge tooling.

1 - Must be ordered in multiples of 25 cartridges

2 - Must be ordered in multiples of 10 sticks

3 - F=Filled; D=Dry

4 - PBTP=Phosphor Bronze Tin Plated/BTP=Brass Tin Plated

5 - RUS Listed

6 - UL Listed, File No. E81956

Operating temperature for TUS Tel-Splice 2-wire, 3-wire, and 1/2 tap is -40°C to 90°C except for Flame Retardant (F/R) versions which have a range of -40°C to 100°C

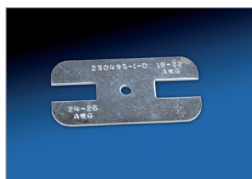
Conductor range is 19 AWG - 26 AWG (0.32-0.9mm).

Maximum insulation O.D. for TUS Tel-Splice connector is .080"/2.03mm



#### Economy (ET) tool

790162-1 (spring loaded version not shown)



#### Crimp handle gauge

230495-1

Used to check proper crimp height of terminated connectors



#### Tel-Splice connector applicator (welded sticks)

2-wire, 1/2 tap sticks:

1490017-1

3-wire sticks:

1490018-1



#### Welded Tel-Splice

Cartridge convenience without the cartridge



#### Pro-crimper

58610-1

#### Tel-Splice connector applicator kit

Includes one 1490017-1 and 1490018-1 in one package

#### Technical documents

Instruction sheets 408-3183, 408-4235, 408-6502, 408-6506, 408-8588, 408-3030, 408-309, 408-308 (US Half Tap only)

#### Application specifications

114-21003 (2-Wire), 114-6010 (TS-2, Half-Tap)

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