# TEL-SPLICE

## Telephone Cable Splice Connectors

Tel-Splice connectors provide and 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

# Tel-Splice
Telephone cable splice connectors

## PRODUCT OVERVIEW

Tel-Splice US version

| | | | Cartridge* | | Welded sticks | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/box | 500/tub | 1000/tub | 56/cart.[1] | 72/cart.[1] | 20/stick[2] | 15/stick[2] | Description | Sealant[3] | Housing color | Contact material[4] | Max.OD in mm |
| 1-552795-2 | - | 552795-2 | - | 552966-2 | 1389031-2 | - | 2-Wire | F | Translucent[5] | PBTP | 0.080-2.03 |
| 1-552795-4 | - | 552795-4 | - | 552966-4 | 1389031-1 | - | | D | Yellow[5] | PBTP | 0.080-2.03 |
| 1-553395-1 | - | - | - | 552966-5 | - | - | | D | Clear F/R[6] | PBTP | 0.080-2.03 |
| 1-552678-2 | 552678-2 | - | 552965-2 | - | - | 1389032-2 | 3-Wire | F | Translucent[5] | PBTP | 0.080-2.03 |
| 1-552678-4 | 552678-4 | - | 552965-4 | - | - | 1389032-1 | | D | Yellow | PBTP | 0.080-2.03 |
| 1-553017-2 | - | 553017-2 | - | 553744-2 | 1389030-2 | - | 1/2 tap | F | Translucent Blue[5] | 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[6] | PBTP | 0.080-2.03 |
| 5-554374-1 | - | 5-554374-3 | - | 554897-1 | - | - | Clear&Clap | F | 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

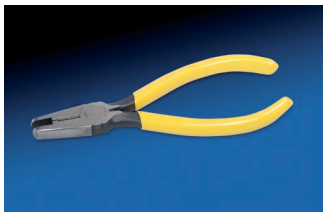
5 - RUS Listed

6 - UL Listed, File No. E81956

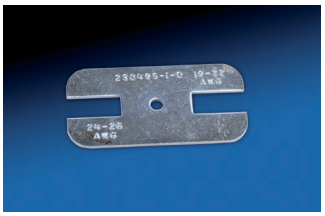
Operating temperature for TUS Tel-Splice 2-wire, 3-wire, and 1/2 tap is -40°C to 90˚C except for Flame Retardant (F/R) versions which have a range of -40˚C to 100˚C

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**
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

**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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## PRODUCT SHEET

**TE Connectivity**
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