



# Tel-Splice Connectors

conforming to

BT Specification LN363

AMP Tel-Splice Connectors provide an economical and reliable means of splicing telephone cable conductors using insulation displacement type contacts.

The contacts, manufactured from tin plated brass for maximum electrical conductivity, are housed in polypropylene mouldings which offer excellent dielectric characteristics and are highly resistant to chemical attack and moisture ingress.

This unique AMP design allows any combination of solid copper or aluminium

wire, 26-19 AWG (0.4-0.9mm), to be terminated in one connector. AMP Tel-Splice connectors make Butt, Bridge and Half Tap splices with minimal operator training. By eliminating the need for pre-stripping, final termination is achieved with a gas tight, moisture proof splice, giving maximum applied cost savings.

## Features

- **Insulation Displacement Contacts**
- **Sealant Filled – gives protection from short term water immersion or environmental contamination**
- **Splices come in loose piece form**
- **No pre-stripping of wires needed**
- **Low applied cost**
- **Gas tight connection**
- **Can be used with PVC, PE, PP or filled cable (maximum insulation outside diameter .063" (1.60mm) for 8A, 8A Type 1 and 8B .080" (2.03mm) for 8C**

## Product Specifications

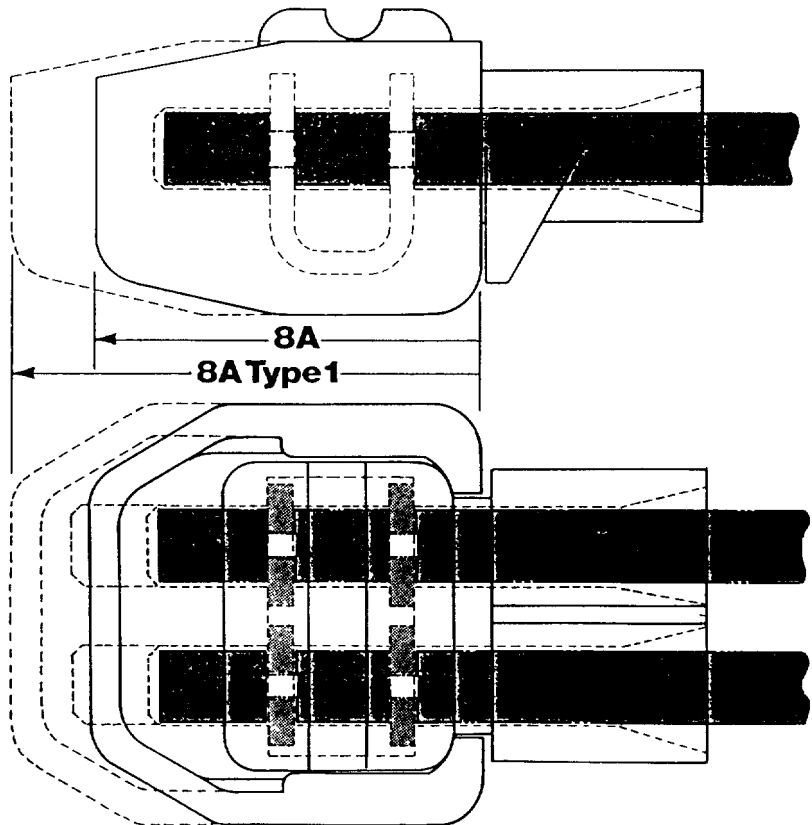
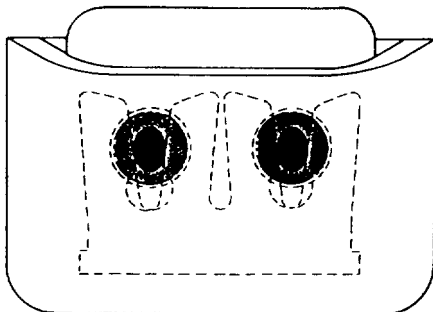
- 2 wire splice 8A . . . . . 108-3038
- 2 wire splice 8A Type 1 . . . . . 108-3079
- 3 wire & half tap splices . . . . . 108-6020

## Applications

- Load Coils
- Stub Cables
- Ready Access Terminals
- Trunk and Toll Cables

## Installations

- Buried
- Aerial
- Buildings & Vaults
- Pedestals
- Vertical
- Underground
- Customer Premises

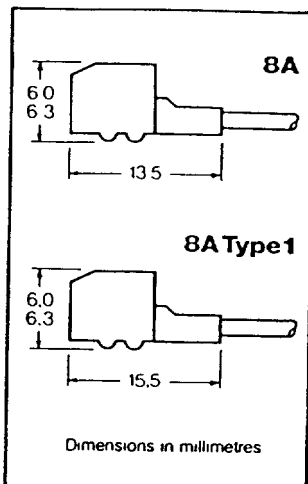


**TEL-SPLICE  
CORRECTLY COMPLETED CRIMP**  
Final position of cover and body is relaxed from plier crimp height  
This should be between 6.00 and 6.3mm

# Tel-Splice Connectors

## 2 and 3 Wire Splice Connectors 8A, 8A Type 1 and 8B (Filled)

Approved to LN363



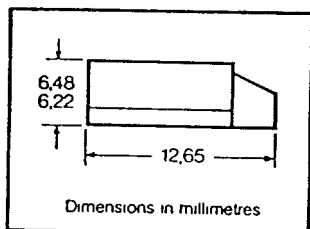
Box Size	Part Number	Description	No. of Wires	Hand Tool*
400	343586-2	8A Type 1	2	525308-1
500	342583-2	8A Connector	2	525308-1
100	342583-4	8A Connector	2	525308-1
250	342816-2	8B Connector	3	525308-1

\*Any parallel action handtool that gives correct termination height as per AMP Spec. Max. opening 10mm

NOTE: Orders supplied in box sizes. e.g. 400 of 343586-2 is one box.

## Half Tap Connector (Filled)

Meets the performance of LN 363 (8C)

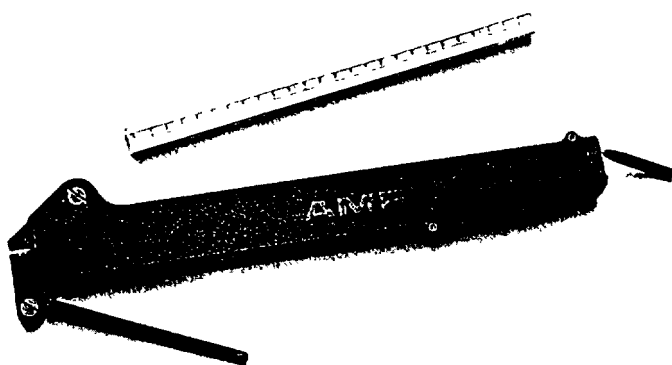


Part Number	Description	Hand Tool*
553017-1	Half Tap Connector	552724-1

\*Any parallel action handtool that gives correct termination height as per AMP Spec 108-6020. Max opening 10mm.

NB Unfilled connectors available on request.

## TOOLING



### AMP TEL-SPLICE CARTRIDGE TOOL

The AMP Tel-Splice Cartridge tool was specially developed for easy splicing, whatever the operating conditions. Cartridges, pre-loaded with 50 connectors, are simply inserted at the rear end of the tool. Connectors are then automatically fed to the parallel action terminating jaws. Wire guides are positioned at the tool head, for simple cable placement before termination. Once the termination cycle is started the tool jaw will not release the connector until its correctly closed and the wires spliced. After each operation the completed splice is ejected and a new connector automatically positioned.

### FEATURES

- Left or right hand operation**
- No specific operator training required**
- Easy to load cartridges**
- Rapid terminating cycle**
- Simple wire positioning**
- Parallel action tool jaws**
- Field tested**

### Part Numbers

Cartridge Tool 525180-1  
Loaded Cartridge 525229-1

NOTE: Cartridge tool is not suitable for 8A Type 1 splices

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