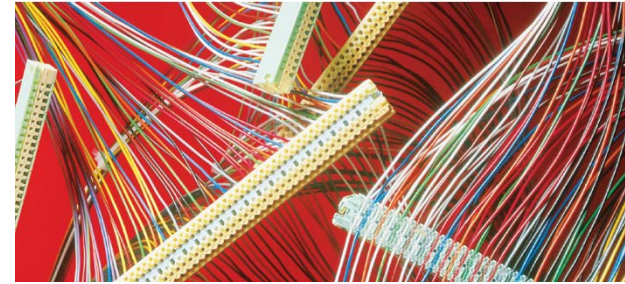


## AMP STACK

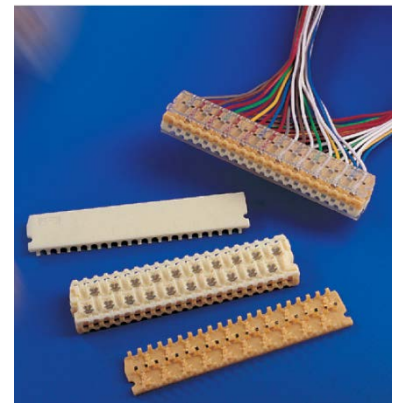
The AMP STACK connector family is designed to mass terminate communication cables of solid copper or aluminum conductor wires ranging from 0.32 to 0.9 mm of diameter (28 to 19 AWG).

The connectors are equipped with insulation displacement tin plated contacts that provide a gas-tight termination and cover different insulation types like pulp, paper or plastic up to 1.95 mm external diameter. The product line includes dry and pre-sealed modules.



### Features and benefits

- Connectors for straight mass splicing and tapping of communication cables
- Pre-sealed versions with sealing gel for environmentally protected connections.
- Plastic adapter to correctly place the connector in the crimping tool is included in the packaging.
- Built-in wire retainer to protect against axial pull and to avoid wire popouts during reparations.



### Specifications

#### Design and configurations

Product description	Conductor range	Insulation (max OD)
AMP STACK III - 25 pair modules	0.32 to 0.8 mm (28 to 20 AWG)	1.65 mm
AMP STACK IV - 10 pair modules	0.4 to 0.9 mm (26 to 19 AWG)	1.95 mm

#### General attributes & mechanical characteristics

##### Materials:

- Housing, cover and base: polycarbonate
- Contacts: phosphor bronze, tin plated
- Cut-of blade: stainless steel
- Application tooling plastic adapter: ABS (25 pair connectors only)

##### Technical documents:

###### Product specifications

- Straight splicing and half-tap modules:  
108-22038 (25 pair connectors)

- 108-22075 (10 pair modules)
- Pre-sealed modules:
  - 108-22068 (25 pair connectors)
  - 108-22074 (10 pair modules)

### Application specification

- AMP STACK III 25 pair:
  - 114-22006 (25 pair connectors)
  - 411-22044 (25 pair connectors tooling kit)
- AMPSTACK IV: 114-22007 (10 pair)

### AMP STACK III - 25 pair connectors

Module type		Part Number	Product description	Color description
Dry	Splicing	1-737692-2	AS-III-25-S-IY/GD-D-TR/TR-12	Transparent/ivory-gold/transparent
	Half-tap	1-737708-2	AS-III-25-H-IY/GN-D-TR/TR-12	Transparent/ivory-green/transparent
Pre-sealed	Splicing	1-737830-2	AS-III-25-S-IY/GD-G-TR/TR-12	Transparent/ivory-gold/transparent
	Half-tap	1-737834-2	AS-III-25-H-IY/GN-G-TR/TR-12	Transparent/ivory-green/transparent

AMP STACK III: Standard package is 12 connection modules per bag, 120 connection modules per box.

### AMP STACK IV - 10 pair connectors

Module type		Part Number	Product description	Color description
Dry	Splicing	1-737858-2	AS-IV-10-S-IY/GD-D-TR/TR-10	Transparent/ivory-gold/transparent
	Half-tap	1-737860-2	AS-IV-10-H-IY/GN-D-TR/TR-10	Transparent/ivory-green/transparent
Pre-sealed	Splicing	1-737869-2	AS-IV-10-S-IY/GD-G-TR/TR-10	Transparent/ivory-gold/transparent
	Half-tap	1-737873-2	AS-IV-10-H-IY/GN-G-TR/TR-10	Transparent/ivory-green/transparent

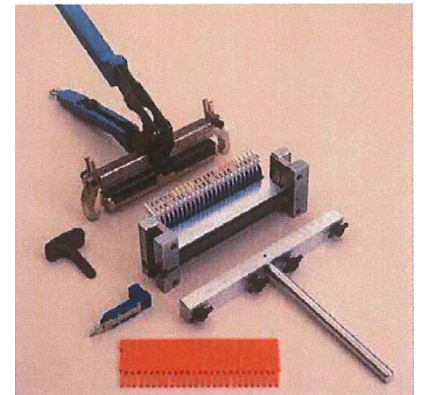
AMP STACK IV: Standard package is 10 connection modules per bag, 100 connection modules per box.

### Accessories – tooling kits

Description	Part number
AMPSTACK III – 25 pair connectors tooling kit	790131-3
AMPSTACK IV – 10 pair connectors tooling kit	1-790112-5

### AMPSTACK III tooling kit content:

- Carrying case
- Hand tool
- Splicing head
- Check comb
- T-pedestal
- Double point tester connector
- Instruction sheet (Part Number: 411-22044)



### AMPSTACK IV tooling kit content:

- Carrying case
- Hand tool
- Splicing head with T-pedestal
- Single insert tool
- Check comb
- 10-pairs separating tool
- Double point tester connector
- Instruction sheet (Part Number: 411-22037)



### **Accessories – spare parts**

Description	Part number
Wire comb (blue) Mark IV 10 pairs	356063-1
Wire comb (blue) Mark III 25 pairs	224514-1
Wire guide comb (white) Mark IV 10 pairs	356062-1
Wire guide comb (white) Mark III 25 pairs	224515-1

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