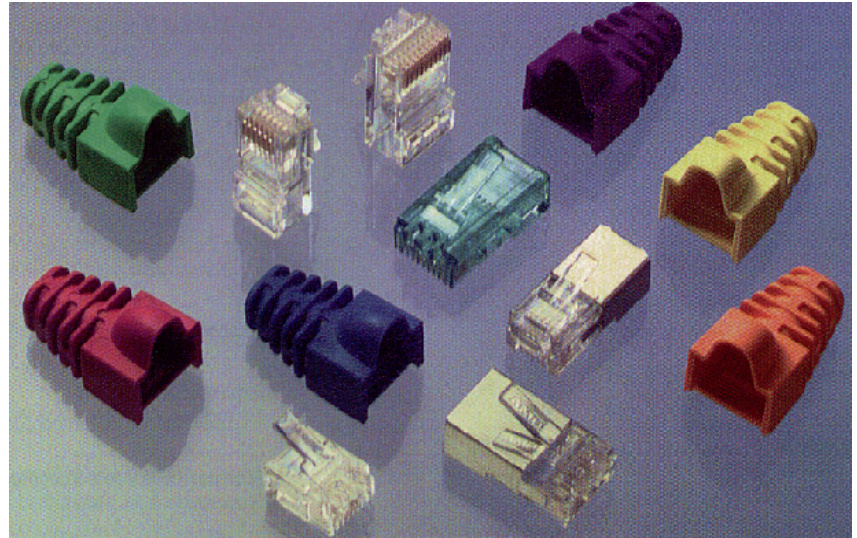**Tyco Electronics**
Our commitment. Your advantage.

AMP Modular Plugs…

…the highest performance and best long-term reliability for your termination!

The range of Modular Plugs consists of unshielded and shielded varieties. They offer compact size, high reliability and will meet all requirements according to the international standards like ISO/IEC 11801, EN50173 and TIA 568.

Mass termination of the plugs provides a low applied cost. A variety of application tooling is available

Specifications:

(see also Product Specification No. 108-1163)

Electrical:

Applications:	150 VAC max. at 15A @ 25°C, derated to 2A @ 70° C
Dielectric Withstanding Voltage:	1000 Volts AC
Insulation Resistance:	500 Megohms

Mechanical:

Cable to Plug Tensile Strength:	17 lbs (76 N) min.
Durability:	750 mating cycles
Temperature rating:	-40° C to + 60° C

Material and Finish:

Housing:	Polycarbonate, UL 94V-0 Flammability Rating
Terminal:	.014 (.36) thick, phosphor bronze, underplated with 100µin Nickel, and plated with 50 µin Gold in contact region and gold flash on remainder of terminal

Un-Shielded & Shielded standard Modular Plugs

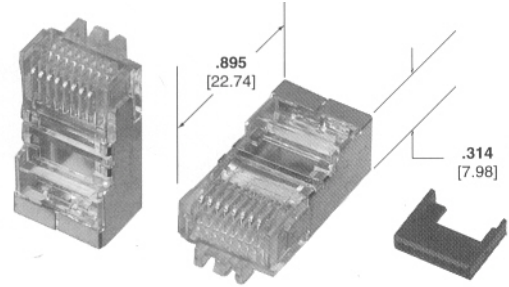| Type Shielded / Unshielded	Position	Cable Type	Part No. / Package Units		
			1000 / Box	**500 / Box**	**100 / Box**
Un-shielded	6/6	Round Solid	5-569032-3	--	--
Un-shielded	6/6	Round Stranded	5-554710-2	--	5-554710-3
Un-shielded	8/8	Round Solid		--	5-557315-2	5-557315-3
Un-shielded	8/8	Flat Oval Solid		--	5-554720-2	5-554720-3
Un-shielded	8/8	Round Stranded		--	5-554169-2	5-554169-3
Un-shielded	8/8	Round Stranded, small		--	5-557961-2	5-557961-3
Shielded	8/8	Round Solid		--	5-569530-2	5-569530-3
Shielded	8/8	Round Stranded		--	5-569532-2	5-569532-3

(4pos Plugs and Plugs for Flat Oval cables are also available upon request)
(Plugs for Flat Oval cables can be also used for Round Cable with small diameter)
All parts are Directive 2002/95/EC (RoHS) Compliant.

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High Performance Modular Plugs

The AMP High Performance Plugs are the solution, if Enhanced Category 5 Performance (EN 50173 A1:2000) is required. An integrated load bar supports easier termination and ensures highest quality terminations.

Product Facts:
- Exceeds EIA/TIA 568 B and EN 50173 A1:2000 for Enhanced Category 5 performance (in combination with corresponding cable)
- Utilizes a load bar for easier cable preparation and termination
- Load bar aids in maintaining 0.5" twist requirements
- Field or factory terminated
- For stranded & solid cable
- Quicker and easier terminations

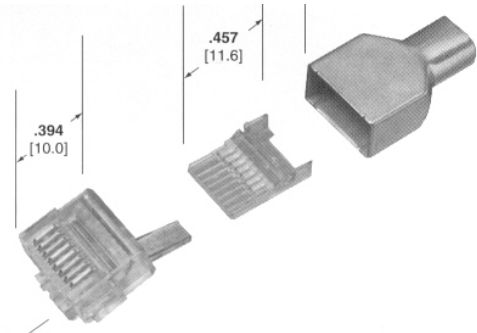| Type *Shielded / Unshielded*	Position	Cable Type	Part No. / Package Units	
			500 / Box	**100 / Box**
Un-shielded	8/8	Round Solid	5-569278-2	5-569278-3
Un-shielded	8/8	Round Stranded	5-558530-2	5-558530-3
Shielded	8/8	Round Solid	5-569550-2	5-569550-3
Shielded	8/8	Round Stranded	5-569552-2	5-569552-3

All parts are Directive 2002/95/EC (RoHS) Compliant.

EMT & Very High Performance (VHP) Modular Plugs

The EMT (**E**lectro **M**agnetic **T**echnology) Modular Plug provides best shield performance in the market. Using a corresponding cable, the EMT terminated patchcords provide a channel performance up to Link Class E (ISO/IEC 11801 and EN 50173).

Product Facts:
- 8 pos. Shielded Modular Plug acc. IEC 603-7
- 360° Shield contact to the cable
- Shield body covers plug completely
- Load bar (wire manager) ensures fast, easy and reliable high quality terminations
- Field & factory termination supported by application tooling

Product Specification No. 108-19102
Application Specification No. 114-22008

Type *Shielded / Unshielded*	Position	Cable Type	Part No.	Pack Unit
EMT Shielded Cat.6*	8/8	Round Stranded, Cable: 5-6mm	336330-1	1.000
EMT Shielded Cat.6*, overmoldable	8/8	Round Stranded, Cable: 5-6mm	336349-1	1.000
EMT Shielded Cat.6*	8/8	Round Stranded, Cable: 6-7mm	336462-1	1.000
Shielded / Unshielded Cat.6*	8/8	Round Solid, Cable: 5-6 mm	5-1375204-3	100
Shielded / Unshielded Cat.6*	8/8	Round Stranded, Cabel: 5-6mm	5-1375202-3	100
Shielded / Unshielded Cat.6*	8/8	Round Stranded, Cable: 5-6mm	5-1375202-2	500

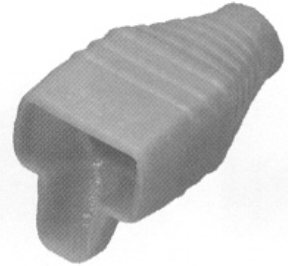*real Cat.6 Performance depending on corresponding applied cable and correct termination procedure.
All parts are Directive 2002/95/EC (RoHS) Compliant.

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Snagless (Anti Tangle) Cable Boots

The latest design of AMP snagless boots are available in different colours in order to structure and organize the network cross-connects in a logical way. The snagless feature protects the plug latches in a unique way and therefore plugs will not "grab" one another while being removed.
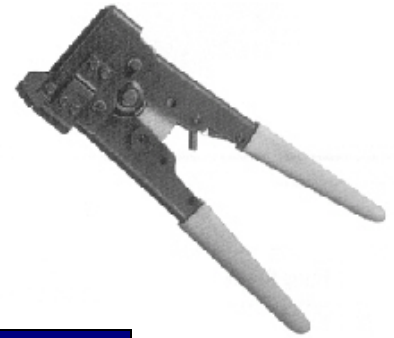
Part Numbers & Description			
Color	**Standard and High Performance Plugs**	**EMT & VHP Plugs** (Cable: 5-6mm)	**EMT Thick Cable** (Cable: 6-7mm)
Black	569875-1	737893-7	336513-7
Almond	569875-2	--	--
Red	569875-3	737893-3	336513-3
Green	569875-4	737893-5	336513-5
Blue	569875-5	737893-4	336513-4
Yellow	569875-6	737893-6	336513-6
Orange	569875-7	737893-8	336513-8
White	569875-8	737893-1	336513-1

Tools for Modular Plugs

Professional Hand Tool
- Cuts, strips and terminates cable
- Ratchet control provides complete termination cycle
- For 6 and 8 position Modular Plugs
- Interchangeable Die-Sets

(see Instruction Sheet No. 408-9767)

Part Numbers		
Tool with Die-Set	**Description**	**Die-Set only**
2-231652-1	8 Position Line Modular Plugs	0-853400-1
2-231652-8	4 & 6 Position Line Modular Plugs	0-853400-8
3-231652-0	8 Position **High Performance** Modular Plugs	1-853400-0
0-790163-1	ProCrimper Hand Tool for **EMT&VHP** Plugs	0-790163-2
0-539690-1	ErgoCrimp Hand Tool for **EMT&VHP** Plugs	1-539690-1
0-790163-3	ProCrimper Hand Tool for EMT Plugs - Overmoldable	0-790163-4
0-790163-5	ProCrimper Hand Tool for EMT Plugs – Thick Cable	0-790163-6
0-539690-3	ErgoCrimp Hand Tool for EMT Plugs – Thick Cable	1-539690-3

Professional Hand Tool Kits

The professional Tool Kits contain all tools and spare parts to terminate the AMP Standard Modular Plugs. They are designed for installers being prepared to have all tools available for field terminations.

Part Numbers & Description	
1-231666-0	Carrying Case with Frame, **4-, 6- and 8 position** Die Sets, Set of Replacement Strip Blades and small Screwdriver
1-231666-1	Carrying Case with Frame, **4 position Handset, 4-, 6- and 8 position** Die Sets, Set of Replacement Strip Blades and small Screwdriver
1-231666-4	Carrying Case with Frame, **4 position Handset, 4-, 6-, 8- and 8 pos. High Performance** Die Sets, Set of Replacement Strip Blades and small Screwdriver
0-231662-4	Blade Replacement Kit (5 cutter blades and 5 sets of strip blades)
0-1711303-1	**EMT & VHP Service Kit**, includes ProCrimper with DieSet, Diagonal Cutter, Cable Stripper, but also 100 EMT Connectors, Strain Reliefs in 6 different colours.

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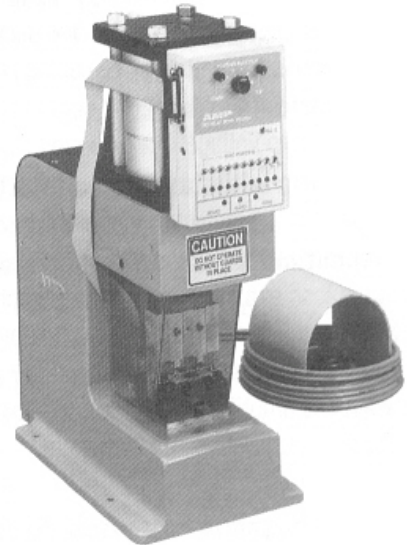Our commitment. Your advantage.

Modular Plug Dual Terminator

The Modular Plug Dual Terminator is designed for professional manufacturing of high quantity and quality Patchcableassemblies. This termination machine both terminates 2 modular plugs and tests the correct wire map in one step.

Product Facts:
- Tests both ends for shorts and opens
- Can be programmed to test individual positions and crossovers
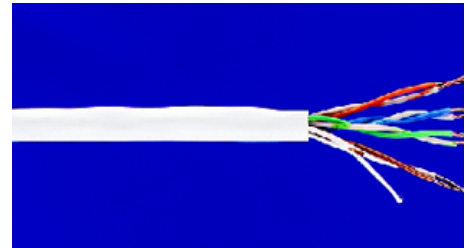- Terminates up to 200 dual-ended cables per hour

(see also Instruction Sheet No. 408-9743)

Part Numbers & Description	
0-856195-6	Modular Plug Dual Terminator (without applicator)
0-856196-1	Applicator for 4- and 6- Position Line
0-856196-2	Applicator for 8 - Position Line
1-856196-1	Applicator for 8 - Position High Performance Line
0-791804-1	Applicator for EMT Plugs
0-791804-2	Applicator for EMT Overmoldable Plug

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High Quality Stranded Cables
(for 4 pair RJ-45 Patchcords)

AMP NETCONNECT provides a range of high quality
and high performance stranded 4pair cables which are
ideal to manufacture standard compliant RJ-45 Patchcords

Part Numbers & Description	
0-1711060-1	4pair Stranded Cable UTP, Cat. 5E, PVC, white, reel 500m (Cable Diam.: 5.2 mm nominal, Wire: AWG24 Stranded)
1-1711061-1	4pair Stranded Cable UTP, Cat. 5E, LSZH, white, reel 1000m (Cable Diam.: 5.2 mm nominal, Wire: AWG24 Stranded)
0-1711062-1	4pair Stranded Cable FTP, Cat. 5E, PVC, white, reel 500m (Cable Diam.: 5.6 mm nominal, Wire: AWG26 Stranded)
1-1711063-1	4pair Stranded Cable FTP, Cat. 5E, LSZH, white, reel 1000m (Cable Diam.: 5.6 mm nominal, Wire: AWG26 Stranded)
1-1711066-1	4pair Stranded Cable UTP, Cat.6, PVC, white, reel 1000m (Cable Diam.: 5.6 mm nominal, Wire: AWG24 Stranded)
0-1711026-2	4pair Stranded Cable UTP, Cat.6, LSZH, white, reel 1000m (Cable Diam.: 5.6 mm nominal, Wire: AWG24 Stranded)
0-0219106-1	4pair Stranded Cable PiMF 600MHz, LSZH, white, reel 1000m (Cable Diam.: 5.9 mm nominal, Wire: AWG26 Stranded)

Other colors available upon request. For some cables may apply higher MOQ's.
Please contact your next AMP NETCONNECT Distributor or AMP NETCONNECT Sales Office.
All parts are Directive 2002/95/EC (RoHS) Compliant.

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Accessories

Tools for preparing cable

Part Numbers	
0-1375317-1	Cable Jacket Stripper (for easy and fast stripping the outer jacket of a cable without damaging the inner pair isolation)
0-1116571-1	Diagonal Cutter (for exact trimming the wires)

For more detailed information and support, please contact you next AMP NETCONNECT Sales Representative

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