

MODEL	DESCRIPTION	CODE	1-9	10-24	25-99
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The Ultimate in Modular Telco Plugs, Made in The USA, Comply w/Industry Standards

L-com now offers a new generation of Stewart modular plugs which feature mirror smooth contact surfaces for extended mating life. Lowest contact resistance and high reliability. Pre-inserted selectively gold-plated contacts are ready for mass termination on most industry compatible crimping machines and hand tools. Fully complies with FCC & telephone industry standards for size and performance. Choice of plugs for flat modular or round UTP cable. All plugs listed below accept 24-28 AWG stranded or solid conductors. Sold only in packs of 100 plugs.

Modular Plugs for Flat Cable - With Standard Rectangular Cable Entrance

TSP3044	Modular Plug, 4x4 Handset, 100 Pack	A	29.95	27.55	25.16
TSP3046	Modular Plug, 6x4 RJ11, 100 Pack	B	29.95	27.55	25.16
TSP3066	Modular Plug, 6x6 RJ12, 100 Pack	C	34.95	32.15	29.36
TSP3088	Modular Plug, 8x8 RJ45, 100 Pack	E	49.95	45.95	41.96
TSP3088K	Modular Plug, 8x8 RJ45 (Keyed), 100 Pack	F	49.95	45.95	41.96

Modular Plugs for Round Twisted Pair Cable - With Radiused Cable Entrance

TSP3046R	Modular Plug, 6x4 RJ11, 100 Pack	B	29.95	27.55	25.16
TSP3066R	Modular Plug, 6x6 RJ12, 100 Pack	C	34.95	32.15	29.36
TSP3066R-MMJ	Modular Plug, 6x6 MMJ, 100 Pack	D	39.95	36.75	33.56
TSP3088R	Modular Plug, 8x8 RJ45, 100 Pack	E	49.95	45.95	41.96

SPECIFICATIONS:

Material: Insulator - Polycarbonate rated UL 94V-0
Contacts - Phosphor Bronze

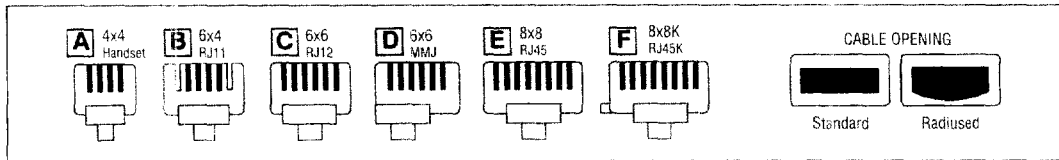
Plating: 50 microinch gold to MIL-G-45204, Type II, Grade C min. on contact area over 100microinch min Nickel underplate to QQ-N-290, Class 2, Grade C, gold flash on balance.

Electrical: Operational voltage - 30 VAC / 42 VDC.
Current Rating - 1.5 Amps max.

Contact resistance - 10 milliohms min.
Insulation resistance - 500 Mohm min @ 1000 VAC between adjacent contacts (75°F and 50% R.H.)
Dielectric withstanding voltage - 1000 VAC min rms (sea level).

Mechanical: Terminates to 24, 26 & 28 AWG
Accepts Stranded or Solid conductors.
Mating durability - 1,000 cycles min.

Environmental: Operating temperature - -65°C to +125°C.



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Tela-Crimp Tool Provides High Level of Versatility and Termination Reliability

The ultimate design based on many years experience. This new model produces a perfect crimp every time and is offered at an affordable price. The following features should be noted:

- Full cycle ratchet action assures consistent terminations.
- A release lever is provided to prevent faulty crimps.
- The compound action produces high crimping forces with minimal user effort.
- A replaceable cutter and stripper are conveniently placed offering two strip lengths per industry standards.
- Tools are conservatively rated for 50,000 crimps.
- All dies are interchangeable and guarantee perfect alignment.
- The modular plug nests accept most configurations available within the industry today.
- Spring activated handles have cushion grips to minimize user fatigue.
- Dies need to be purchased separately.

HTS7100	Crimp Tool Only, accepts any Die Set listed below	69.50	65.33	61.16
HTS7100-06A	6 Position Die Set without Secondary Strain Relief, use with all RJ11 & RJ12 Plugs	29.50	27.73	25.96
HTS7100-08A	8 Position Die Set without Secondary Strain Relief, use with all RJ45 Plugs	29.50	27.73	25.96
HTS7100-10	10 Position Die Set with Secondary Strain Relief	33.50	31.49	29.48

A Note About Modular Plugs: Modular plugs may seem quite simple but in reality they are quite complex. One particular problem has to do with crimping the secondary strain relief (see right). This is because all plug manufacturers put this strain relief in different spots on the plug. If you are not sure who manufactures the plug, use tools that do not crimp the secondary strain relief such as ours. If you consistently have problems crimping plugs, check if your tool is intended for crimping a particular brand of plug with the secondary strain relief. When in doubt, don't crimp the secondary strain relief.

HTS2100 Series Crimp Tool Accepts Dies for Modular or Coaxial Terminations

The HTS2100 crimp tool accepts a variety of dies that allow it to crimp modular or coaxial terminations. This top of the line tool is more compact than competitors' models allowing easier crimping ability for people with smaller hands. Molded grips and carbon steel frame is conservatively rated at 50,000+ crimps. This tool also accepts coaxial die sets listed on page 35.

HTS2100	Crimp Tool Only, accepts any Die Set listed below	62.50	58.75	55.00
HTS2100-06	6 Position Die Set without Secondary Strain Relief, use with all RJ11 & RJ12 Plugs	36.00	33.84	31.68
HTS2100-08	8 Position Die Set without Secondary Strain Relief, use with all RJ45 & RJ45K Plugs	36.00	33.84	31.68
HTS2100-10	10 Position Die Set without Secondary Strain Relief, use with all 10 Position Plugs	36.00	33.84	31.68

Order Toll Free: 800-343-1455

Web: <http://www.L-com.com>

8am - 6pm EASTERN STANDARD TIME

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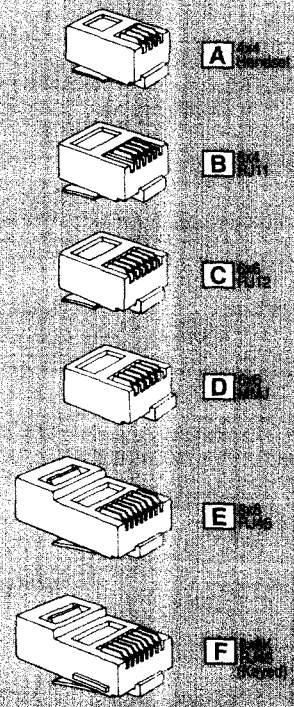
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PRICES AND SPECIFICATIONS SUBJECT TO CHANGE.

UL **FCC** **CSA**

- FCC compliant, Part 68, Doc. 47, Sub F.
- Listed by Underwriters Laboratories Inc. File E132408(N)-DUXR2.
- Certified Canadian Standards Assn., File 67725.



HTS7100 FRAME ONLY

The diagram shows the HTS7100 crimp tool with two die sets. The first is the HTS7100-06 6 Position Die Set, and the second is the HTS7100-08 8 Position Die Set. The tool has a ratchet mechanism and cushioned grips.

The diagram compares two crimping techniques on a plug with secondary strain relief. On the left, a standard crimping tool is shown crimping the secondary strain relief, which is labeled 'Die Set crimps secondary strain relief'. On the right, the HTS7100 crimp tool is shown crimping the main contact area, which is labeled 'HTS7100 crimping does not crimp secondary strain relief'. Labels also point to 'Secondary Strain Relief', 'Main Contact Area', and 'RJ45 PLUG'.

Category 5 kits can be found on page 90.