

Military Grade Crimp Tool and Crimp Dies
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Coaxial Connector Assembly Tools

Hand Crimp Tool

Precision Astro Tool hand crimping tool makes cable assembly fast and easy. Crimping tool features interchangeable steel dies. Ratchet action of tool controls crimping operation for precise uniform ferrule crimps.



CONNECTOR TYPE	CABLE TYPE	JCI PREFERRED DIE SET	CRIMP DIMENSIONS
MCX SMA SMB SMC	RG-178/U RG-196/U	141-0000-901	Hex = .105 (2.67) Width = .325 (8.26)
MCX SMA SMB SMC 75-OHM SMB	RG-161/U, RG-174/U RG-179/U, RG-187/U RG-188/U, RG-316/U LMR-100	141-0000-902	Hex = .128 (3.25) Width = .400 (10.16)
	RG-188DS, RG-316DS RG-179 DS, RG-187 DS, BELDEN 735A	141-0000-905	Hex = .151 (3.83) Width = .400 (10.16)
MCX SMA SMB	RG-58/U RG-141/U RG-303/U RG-55/U RG-142/U RG-223/U RG-400/U LMR-195 LMR-200	141-0000-903	Hex = .213 (5.41) Width = .375 (9.52)
SMA 75 Ohm SMB	LMR-240, RG-59	141-0000-925	Hex = .255 (6.48) Width = .400 (10.16)

*Economy Hand Crimp Tool also available with all four hex sizes in one tool on page 134.

Ordering Information for Crimping Tool

PART NUMBER	DESCRIPTION	ASTRO TOOL P/N
144-0000-900	Frame Only	620175
141-0000-901	Single Hex Die	620932
141-0000-902	Single Hex Die	620419
141-0000-903	Single Hex Die	620676
141-0000-905	Single Hex Die	630055

Crimp Dies for Contacts

use with 144-0000-900

CONNECTOR TYPE	JCI PREFERRED DIE SET	CRIMP STYLE
SMB Cross Hole Style Body 50 Ohm Only	141-0000-911	Double Diamond
Mini 75 Ohm SMB, MCX 75 Ohm Cross Hole Style Body	141-0000-924	Double Diamond

Economy Hand Crimp Tool

Hand crimp tool and die set includes all hex sizes necessary for cable applications. Ratchet tool action insures a complete crimp every time.



PART NUMBER	DESCRIPTION	HEX	WIDTH	CONNECTOR TYPE
140-0000-952	Hand Crimp Tool Frame Only			
140-0000-953	Die for .047" dia. flexible cable; RG 178, RG 316, RG 316DS and Contact Crimp w/stop	.105 (2.67)	.250 (6.35)	MMCX*, MCX
		.128 (3.25)	.250 (6.35)	
		.151 (3.83)	.250 (6.35)	
140-0000-951	Die for RG 178, 316, 316DS, 58, 142, Belden 735A, LMR-100 LMR-195, LMR-200	Diamond Crimp for .038 (0.96) Dia. Contact	.035 (0.89)	MCX, SMB, SMC, SMA, 75 OHM SMB
		.105 (2.67)	.390 (6.35)	
		.128 (3.25)	.390 (6.35)	
		.151 (3.83)	.390 (6.35)	
141-0000-955	Die for RG 179, 179DS, RG-59, LMR-240	.213 (5.41)	.390 (6.35)	75 Ohm MCX, SMA Mini-75 Ohm SMB
		.128 (3.25)	.390 (6.35)	
		.151 (3.83)	.390 (6.35)	

*Use 140-0000-951 for MMCX straight cabled bulkhead jack body crimp.

MMCX Assembly/Decoupling Tool

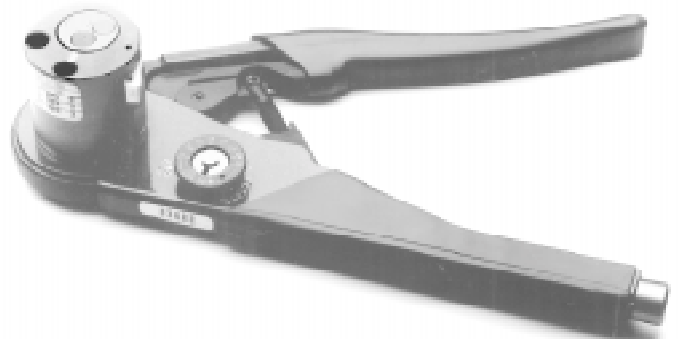
This tool will assemble the end cap on to a standard right angle MMCX plug connector in the field. Simply insert connector and cap into tool cavity then turn handle to swage the cap into place. The slotted end of the tool can be used to disengage a right angle MMCX plug from a mating receptacle.



PART NUMBER
141-0000-910

3-Piece SMA - Contact Hand Crimp Tool

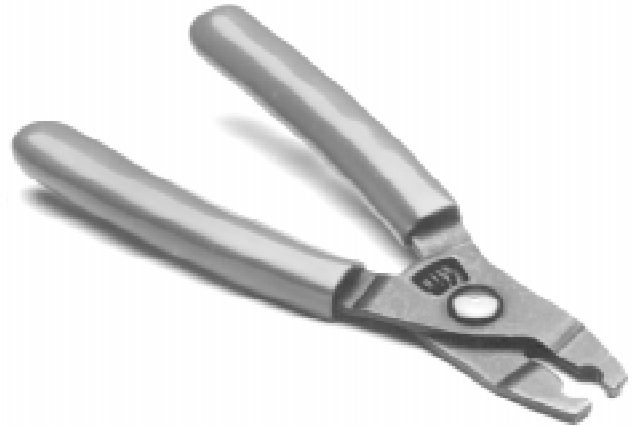
Quick and secure crimp assembly of SMA Contacts to all cable sizes used by the 3-piece SMA connector line is possible. The crimp tool is used in conjunction with 141-0000-907 turret positioner which positions the crimp location on the contact with no user setup required. Set the selector to the appropriate crimp size, insert contact and cable into tool and squeeze handles of tool. A complete and accurate crimp is obtained every time, with no partial crimp. A ratchet insures a complete cycle of the tool. Automated tooling information is available on request.



PART NUMBER	DESCRIPTION	ASTRO TOOL PART NUMBER	MILITARY PART NUMBER
144-0000-910	Frame Only	615708	M22520/1-01
141-0000-907	Positioner	650027	

Coaxial Connector Assembly Tools

"C" Spring Compression Tool - For assembly of SMA Coupling Nut



PART NUMBER
141-0000-904

MCX Right Angle Plug Assembly Tool

This quick and easy to use tool will assemble the end cap onto standard Right Angle MCX Plug connectors. Simply insert the connector and cap into the staking nest and a light squeeze of the handles will swage the cap into place.

The jaw tips are designed to grip a Right Angle MCX Plug body for insertion or disengagement to a mating receptacle. The jaws are hardened steel and the handles cushioned to minimize stress to the user. For use with all cable groups except RG 58.



PART NUMBER
141-0000-908