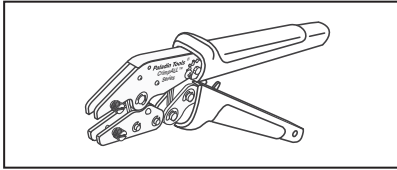


# Paladin Tools® 8000 and 1300 Series Crimper and Die Sets

## 8000 and 1300 Series Crimper

## Die Sets



**8000 Series:** Ergonomic Crimper that uses the same dies as the 1300 Series. Easiest crimper on the market to use, crimp with one hand effortlessly. Ultra-smooth ratchet design, rubber grip handles with reduced grip distance. Over 50 interchangeable die sets available.

**1300 Series:** The Original crimp frame with interchangeable die sets. Ratchet-crimper with quick change EZI-CHANGE™ die screws. Precision crimping at an affordable price.

- PAL8000-ND (8000) 8000 Series Crimper (frame only) ..... \$58.99
- PAL1302-ND (1302) 1300 Series Crimper (frame only) ..... \$42.99
- PAL901381-ND (901381) Cordura Storage Case..... \$39.99

Description	Digi-Key Part No.	Price Each	Paladin Tools Part No.
<b>Coaxial Cable</b>			
BNC/TNC 3 Piece RG58, RG59, RG62AU	PAL2034-ND	25.99	2034
SMA, SMB, Mini-59 BNC/TNC, Mini UHF RG58, Mini-59, RG174, Small Coaxial and Belden 1855A	PAL2653-ND	25.99	2653
CATV "F" Type RG-59 and RG6 Video Cable	PAL2042-ND	25.99	2042
BNC, CATV "F" Type and HDTV, RG6, RG6 Quad and Belden 1694A	PAL2045-ND	25.99	2045
BNC/TNC RG174, RG179 and Small Cable Connectors	PAL2051-ND	25.99	2051
RJ45 and RG6/RG6 Quad CATV "F" - UTP 4-Pair and RG6/RG6 Quad Coaxial	PAL2687-ND	31.99	2687
<b>Twisted Pair Cable</b>			
RJ45 - 8P8C (8 Pin) - Flat/Round, Solid/Stranded RJ45 unkeyed	PAL2064-ND	25.99	2064
RJ50 - 10P10C (10 Pin) - Flat/Round, Solid/Stranded RJ50 unkeyed	PAL2068-ND	25.99	2068
<b>Electrical and Industrial Cable</b>			
Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10AWG, for Large Professional Terminals	PAL2035-ND	25.99	2035
Open Barrel, Non-Insulated Terminals and Lugs - Narrow, Stranded Wire 22-10AWG for Standard Commercial Terminals	PAL2033-ND	25.99	2033
Insulated and Non-Insulated Wire Ferrules, Stranded Wire 22-10AWG	PAL2095-ND	25.99	2095
Open-Barrel, D-Sub Contact Pins, Stranded Wire 28-20AWG for Standard D-Sub Pins	PAL2097-ND	25.99	2097
Insulated Terminals and Lugs, Solid and Stranded Wire 26-14AWG for Small Wire Barrel Terminals	PAL2029-ND	25.99	2029



## RF Connectors MCX Type



**FEATURES:** • 30% Smaller than SMB • Rugged snap-on mating design • Captivated contact  
**ELECTRICAL RATINGS:** • Impedance: 50Ω • Frequency Range: 0 - 6GHz • Working Voltage at sea level: 335VRMS; 250VRMS (J531-ND and

J532-ND) **MECHANICAL RATINGS:** • Engage/Disengage Force: 5.6 pounds maximum engagement/8 pounds typical disengagement • Contact Retention Force: 2.3 pounds minimum axial force • Durability: 500 cycles minimum

**Fig. 1 - Right Angle Cable Plug**

**Fig. 2 - Straight Cable Plug**

**Fig. 3 - Straight Crimp Type Bulkhead Jack**

**Fig. 4 - Straight Plug Receptacle**

**Fig. 5 - Straight PC Mount Jack**

**Fig. 6 - Right Angle PC Mount Jack**

**Fig. 7 - Front Mount Bulkhead Jack Receptacle**

**Fig. 8 - End Launch Jack**

**Fig. 9 - SMT Straight Jack**

**Fig. 10 - SMT Right Angle Jack**

**Fig. 11 - Straight Jack Receptacle - 2.54mm**

Fig.	Cable Type	Plating	Dimensions (mm)		Digi-Key Part No.	Price Each			Johnson Part No.	
					1	10	50	100		
<b>50 Ohm</b>										
1	RG-178	Gold	11.58	—	J531-ND	5.65	4.95	4.26	3.65	133-3402-101
	RG-316	Gold	11.58	—	J535-ND	5.14	4.51	3.88	3.33	133-3403-101
	RG-178	Nickel	11.58	—	J532-ND	5.45	4.78	4.11	3.52	133-3402-106
	RG-316	Nickel	11.58	—	J536-ND	5.15	4.52	3.89	3.33	133-3403-106
	RG-188, RG-316	Nickel	7.90	—	J720-ND	5.15	4.52	3.89	3.33	133-3404-106
2	—	Gold	7.90	—	J721-ND	5.35	4.70	4.04	3.46	133-3693-101
	—	Gold	7.90	—	J721-ND	5.35	4.70	4.04	3.46	133-3693-101
2	RG-316	Gold	15.19	4.98	J533-ND	5.93	5.21	4.48	3.84	133-3403-001
	RG-316	Nickel	15.19	4.98	J534-ND	4.16	3.66	3.14	2.70	133-3403-006
4	—	Gold	—	—	J612-ND	8.77	7.69	6.61	5.67	133-3801-201
	—	Gold	3.94	—	J537-ND	4.88	4.11	3.54	3.03	133-3701-201
	—	Nickel	3.94	—	J538-ND	4.02	3.53	3.04	2.60	133-3701-206
5	—	Gold	2.79	—	J539-ND	4.88	4.28	3.68	3.15	133-3701-211
	—	Nickel	2.79	—	J540-ND	4.64	4.07	3.50	3.00	133-3701-216
	—	Gold	3.94	—	J541-ND	12.34	10.83	9.31	7.98	133-3701-301
6	—	Nickel	3.94	—	J542-ND	12.07	10.59	9.11	7.81	133-3701-306
	—	Gold	2.79	—	J543-ND	12.64	11.09	9.53	8.17	133-3701-311
	—	Nickel	2.79	—	J544-ND	9.27	8.13	6.99	5.99	133-3701-316
7	—	Gold	—	—	J545-ND	7.33	6.43	5.53	4.74	133-3701-401
	—	Nickel	—	—	J546-ND	7.09	6.22	5.35	4.59	133-3701-406
8	—	Gold	1.73	—	J547-ND	7.09	6.23	5.35	4.59	133-3701-801
9	—	Gold	—	—	J548-ND	7.24	6.35	5.46	4.68	133-3711-201
10	—	Gold	—	—	J549-ND	11.83	10.38	8.92	7.65	133-3711-301
11	—	Gold	—	—	J611-ND	5.55	4.88	4.19	3.59	133-3701-231

Fig.	Cable Type	Plating	Dimensions (mm)		Digi-Key Part No.	Price Each			Johnson Part No.		
					1	10	50	100			
<b>75 Ohm</b>											
1	RG-179	Gold	7.98	—	J643-ND	6.17	5.41	4.66	3.99	133-8433-101	
	RG-179DS	Gold	7.98	—	J644-ND	6.17	5.41	4.66	3.99	133-8434-101	
	2	RG-179	Gold	20.47	5.94	J645-ND	10.30	9.04	7.77	6.66	133-8433-001
	3	RG-179	Gold	—	—	J647-ND	12.40	10.88	9.35	8.02	133-8333-401
	5	—	Gold	3.80	—	J649-ND	10.03	8.80	7.56	6.48	133-8701-201
		—	Gold	2.70	—	J650-ND	6.34	5.56	4.78	4.10	133-8701-211
	6	—	Gold	2.70	—	J652-ND	9.43	8.28	7.12	6.10	133-8701-311
	8	—	Gold	1.73	—	J653-ND	5.69	4.99	4.29	3.68	133-8701-801
	9	—	Gold	—	—	J654-ND	6.28	5.51	4.74	4.06	133-8711-201
<b>Non-Magnetic MCX Connectors</b>											
1	RG-316/u, 188, 174	Gold	7.90	11.56	J680-ND	9.43	8.27	7.11	6.10	133-9403-101	
	RG-316DS, 188DS	Gold	7.90	11.56	J681-ND	12.25	10.75	9.24	7.92	133-9404-101	
2	RG-316/u, 188, 174	Gold	15.19	4.98	J678-ND	12.00	10.53	9.05	7.76	133-9403-001	
5	—	Gold	3.94	—	J682-ND	6.45	5.66	4.87	4.18	133-9701-201	
	—	Gold	2.79	—	J683-ND	7.49	6.57	5.65	4.84	133-9701-211	
6	—	Gold	2.79	—	J685-ND	10.58	9.28	7.98	6.84	133-9701-311	
8	—	Gold	1.57	—	J686-ND	12.76	11.19	9.62	8.25	133-9701-801	
Right Angle Plug Assembly Tool .....						J574-ND	379.46/1		141-0000-908		
Hand Crimp Tool (frame only) .....						J572-ND	106.63/1		140-0000-952		
Die Set (RG178, 316) .....						J573-ND	129.48/1		140-0000-951		

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