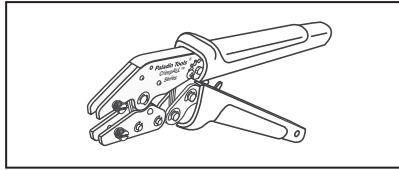


# Paladin Tools® 8000 and 1300 Series Crimper and Die Sets

## 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. Ratcheted crimper with quick change EZI-CHANGE™ die screws. Precision crimping at an affordable price.

PA8000-ND (8000) 8000 Series Crimper (frame only) ..... 48.73  
 PA1302-ND (1302) 1300 Series Crimper (frame only) ..... 35.51  
 PA901381-ND (901381) Cordura Storage Case ..... 33.04

Description	Digi-Key Part No.	Price Each	Paladin Tools Part No.
<b>Coaxial Cable</b>			
BNC/TNC 3 Piece RG58, RG59, RG62AU	PA2034-ND	21.47	2034
SMA, SMB, Mini-59 BNC/TNC, Mini UHF RG58, Mini-59, RG174, Small Coaxial and Belden 1855A	PA2653-ND	21.47	2653
CATV "F" Type RG-59 and RG6 Video Cable	PA2042-ND	21.47	2042
BNC, CATV "F" Type and HDTV, RG6, RG6 Quad and Belden 1694A	PA2045-ND	21.47	2045
BNC/TNC RG174, RG179 and Small Cable Connectors	PA2051-ND	21.47	2051
RJ45 and RG6/RG6 Quad CATV "F" - UTP 4-Pair and RG6/RG6 Quad Coaxial	PA2687-ND	26.43	2687
<b>Twisted Pair Cable</b>			
RJ45 - 8P8C (8 Pin) - Flat/Round, Solid/Stranded RJ45 unkeyed	PA2064-ND	21.47	2064
RJ50 - 10P10C (10 Pin) - Flat/Round, Solid/Stranded RJ50 unkeyed	PA2068-ND	21.47	2068
<b>Electrical and Industrial Cable</b>			
Insulated Terminals and Lugs, Solid or Stranded Wire, 22 - 10AWG, for Large Professional Terminals	PA2035-ND	21.47	2035
Open Barrel, Non-Insulated Terminals and Lugs - Narrow, Stranded Wire 22 - 10AWG for Standard Commercial Terminals	PA2033-ND	21.47	2033
Insulated and Non-Insulated Wire Ferrules, Stranded Wire 22 - 10AWG	PA2095-ND	21.47	2095
Open-Barrel, D-Sub Contact Pins, Stranded Wire 28 - 20AWG for Standard D-Sub Pins	PA2097-ND	21.47	2097
Insulated Terminals and Lugs, Solid and Stranded Wire 26 - 14AWG for Small Wire Barrel Terminals	PA2029-ND	21.47	2029



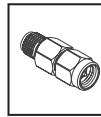
## EMERSON Network Power SMA Attenuators



## Johnson Connectivity Solutions

**Electrical Specifications:** • Impedance: 50Ω Nominal • Frequency Range: 0 - 6GHz • Attenuation Values (Initial): 1,2,3,6, and 10dB Nominal • Attenuation Accuracy: see chart • Average Input Power: 2W Maximum @ +25°C **Mechanical Specifications:** • Engagement Design: MIL-STD-348A, Series SMA • Configuration: Coaxial In-Line, SMA Plug to SMA Jack, 5/16" Hex Body • Overall Length: 0.87"±0.02" for values between 1 - 10dB • Durability: 500 Cycles Minimum (both ends) **Environmental Specifications:** • Operating Temperature: -55°C - 125°C • Thermal Shock: MIL-STD-202, Method 107, Condition B (except high temp +100°C) • Shock: MIL-STD-202, Method 213, Condition 1 • Vibration: MIL-STD-202, Method 204, Condition D

Attenuation Accuracy		
dB	DC-4 GHz	4-6GHz
1 - 3	±0.3	±0.5
6	±0.4	±0.5
10	±0.5	±0.5



dB	Digi-Key Part No.	Price Each				Emerson Part No.
		1	10	100	250	
1	J993-ND	25.87	23.06	16.94	15.53	141-3901-801
2	J994-ND	29.01	25.85	18.99	17.41	141-3901-802
3	J995-ND	29.01	25.85	18.99	17.41	141-3901-803
6	J996-ND	29.01	25.85	18.99	17.41	141-3901-806
10	J997-ND	29.33	26.13	19.20	17.60	141-3901-810

## RF Connectors MCX and MMCX Type



**FEATURES:** • 30% Smaller than SMB • Rugged snap-on mating design • Captivated contact **ELECTRICAL RATINGS:** • Impedance: 50Ω • Frequency Range: 0 - 6GHz **MECHANICAL RATING:** Durability: 500 cycles minimum

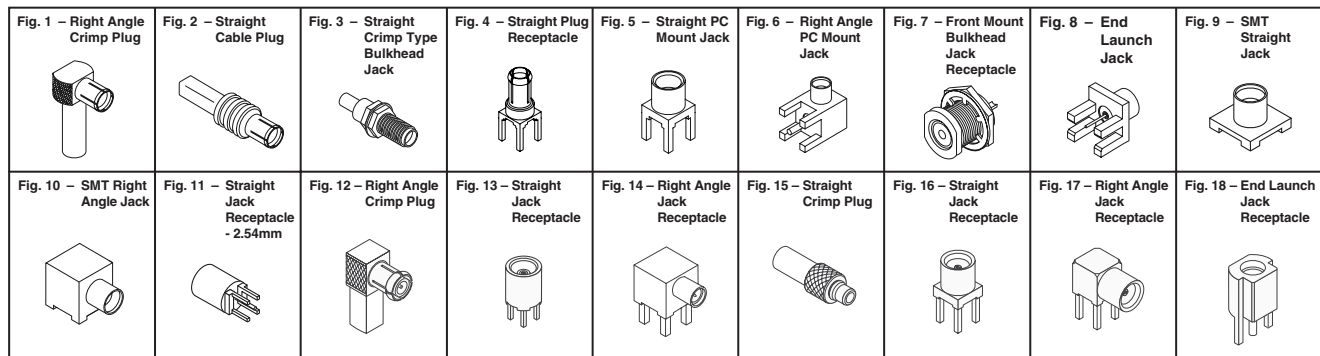


Fig.	Type (Description)	Plating	Digi-Key Part No.	Price Each				Johnson Part No.
<b>50 Ohm</b>								
<b>MCX Connectors</b>								
1	R/A Crimp Plug	Gold	J531-ND	3.96	3.53	2.88	2.59	133-3402-101
	R/A Crimp Plug	Gold	J535-ND	4.14	3.69	3.01	2.71	133-3403-101
	R/A Crimp Plug	Nickel	J536-ND	3.60	3.21	2.62	2.36	133-3403-106
	R/A Crimp Plug	Nickel	J720-ND	3.60	3.21	2.62	2.36	133-3404-106
	R/A Crimp Plug	Gold	J721-ND	3.74	3.34	2.72	2.45	133-3693-101
2	Straight Cable Plug	Gold	J533-ND	3.87	3.45	2.81	2.53	133-3403-001
	Straight Cable Plug	Nickel	J534-ND	2.91	2.60	2.12	1.91	133-3403-006
4	Straight Plug Receptacle	Gold	J612-ND	4.73	4.21	3.44	3.10	133-3801-201
5	Straight Jack PCB	Gold	J537-ND	4.06	3.63	2.96	2.67	133-3701-201
	Straight Jack PCB	Nickel	J538-ND	2.81	2.51	2.05	1.84	133-3701-206
	Straight Jack PCB	Gold	J539-ND	3.87	3.45	2.81	2.53	133-3701-211
	Straight Jack PCB	Nickel	J540-ND	3.75	3.34	2.73	2.46	133-3701-216
	R/A PC Jack	Gold	J541-ND	6.59	5.87	4.80	4.32	133-3701-301
6	R/A PC Jack	Nickel	J542-ND	7.39	6.58	5.37	4.84	133-3701-306
	R/A PC Jack	Gold	J543-ND	6.59	5.87	4.80	4.32	133-3701-311
	R/A PC Jack	Nickel	J544-ND	6.36	5.67	4.63	4.17	133-3701-316
	Bulkhead Jack	Gold	J545-ND	5.12	4.57	3.73	3.36	133-3701-401
8	Bulkhead Jack	Nickel	J546-ND	4.96	4.42	3.61	3.25	133-3701-406
	End Launch Jack	Gold	J547-ND	4.09	3.65	2.98	2.68	133-3701-801
9	SMT Jack	Gold	J548-ND	3.87	3.45	2.81	2.53	133-3711-201
10	R/A SMT Jack	Gold	J549-ND	5.52	4.92	4.02	3.62	133-3711-301
	Vertical Jack PCB	Gold	J611-ND	4.20	3.75	3.06	2.76	133-3701-231
<b>75 Ohm</b>								
1	R/A Crimp Plug	Gold	J643-ND	4.31	3.85	3.14	2.83	133-8433-101
	R/A Crimp Plug	Gold	J644-ND	4.31	3.85	3.14	2.83	133-8434-101
2	Straight Cable Plug	Gold	J645-ND	7.20	6.42	5.24	4.72	133-8433-001
3	Bulkhead Jack	Gold	J647-ND	8.67	7.73	6.31	5.68	133-8333-401

Fig.	Type (Description)	Plating	Digi-Key Part No.	Price Each				Johnson Part No.
5	Straight Jack PCB	Gold	J649-ND	5.88	5.24	4.28	3.85	133-8701-201
	Straight Jack PCB	Gold	J650-ND	3.72	3.32	2.71	2.44	133-8701-211
6	R/A PCB Jack	Gold	J652-ND	6.59	5.88	4.80	4.32	133-8701-311
8	End Launch Jack	Gold	J653-ND	3.98	3.55	2.90	2.61	133-8701-801
9	SMT Jack	Gold	J654-ND	4.39	3.91	3.20	2.88	133-8711-201
<b>Non-Magnetic MCX Connectors</b>								
1	R/A Crimp Plug	Gold	J680-ND	8.75	7.80	6.37	5.73	133-9403-101
	R/A Crimp Plug	Gold	J681-ND	8.41	7.49	6.12	5.51	133-9404-101
2	Straight Cable Plug	Gold	J678-ND	9.51	8.47	6.92	6.23	133-9403-001
5	Straight Jack PCB	Gold	J682-ND	7.84	6.99	5.70	5.14	133-9701-201
	Straight Jack PCB	Gold	J683-ND	7.39	6.58	5.37	4.84	133-9701-211
6	R/A PC Jack	Gold	J685-ND	8.74	7.67	6.59	5.65	133-9701-311
8	End Launch Jack	Gold	J686-ND	7.72	6.89	5.62	5.06	133-9701-801
12	R/A Crimp Plug	Gold	J10062-ND	6.82	6.08	4.96	4.47	133-9402-101
13	Straight Jack PCB	Gold	J10063-ND	6.42	5.72	4.67	4.21	133-9701-231
	R/A Jack PCB	Gold	J684-ND	8.18	7.29	5.95	5.36	133-9701-301
Right Angle Plug Assembly Tool				J574-ND	313.47/1			141-0000-908
Hand Crimp Tool (frame only)				J572-ND	78.10/1			140-0000-952
Die Set (RG178, 316)				J573-ND	94.84/1			140-0000-951
<b>Non-Magnetic MMCX Type</b>								
1	R/A Crimp Plug	Gold	J10065-ND	11.04	9.84	8.03	7.23	135-9402-111
	R/A Crimp Plug	Gold	J10067-ND	12.14	10.82	8.84	7.95	135-9403-101
	R/A Crimp Plug	Gold	J10069-ND	12.52	11.15	9.11	8.20	135-9436-101
15	Straight Crimp Plug	Gold	J10064-ND	6.63	5.91	4.82	4.34	135-9402-001
	Straight Crimp Plug	Gold	J10066-ND	7.97	7.11	5.80	5.22	135-9403-001
	Straight Crimp Plug	Gold	J10068-ND	7.97	7.11	5.80	5.22	135-9436-001
16	Straight Jack PCB	Gold	J10070-ND	6.14	5.47	4.47	4.02	135-9701-201
	Straight Jack PCB	Gold	J10071-ND	6.14	5.47	4.47	4.02	135-9701-211
17	R/A Jack PCB	Gold	J10072-ND	7.48	6.66	5.44	4.90	135-9701-301
	R/A Jack PCB	Gold	J10073-ND	8.63	7.70	6.28	5.66	135-9701-311
18	End Launch SMD	Gold	J10074-ND	4.84	4.32	3.52	3.17	135-9711-801

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