

SHV Dual Crimp Connectors

Center contact plating: Gold

A

Fig.	Description	Cable Group RG/U	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
27	Plug, Nickel	58, 58A, 58B, 58C	A32435-ND◆	32.26 27.74	5051426-4
	Plug, Silver	58, 58A, 58B, 58C	A24665-ND	42.55 36.59	51426-1
	Plug, Nickel	124, 140, 210, 62, 62A, 62B, 59, 59A, 59B, Belden 9291, 9209, 9269	A32436-ND◆	34.83 29.96	5051426-5
	Plug, Silver	124, 140, 210, 62, 62A, 62B, 59, 59A, 59B, Belden 9291, 9209, 9269	A24667-ND†	38.68 33.27	51426-2
28	Bulkhead Solder Jack, Silver	—	A24668-ND	25.09 21.58	51494-1
	Bulkhead Solder Jack, Silver	—	A32804-ND◆	23.06 19.84	5051494-1
	Bulkhead Solder Jack, Nickel	—	A24669-ND◆	14.33 12.33	51494-2
	Bulkhead Solder Jack, Nickel	—	A24670-ND◆	42.51 36.56	51421-2

◆ RoHS Compliant † 22 AWG Center Conductor Maximum

TNC Hex and Dual Crimp Connectors 50 and 75 Ohm

Center Contacts: Gold
Dies for Pro-Crimper: A: A9994-ND B: A24570-ND
Dies for SDE PEW 12: C: A97886-ND

Fig.	Ω	Description	Die	Cable Group RG/U	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
Hex Crimp							
30	50	Plug	—	174, 188, 188A, 316	A24635-ND	7.11 6.12	222506-5
	50	Plug	—	174, 188, 188A, 316	A32438-ND◆	6.95 5.98	5222506-5
	50	Plug	A	58, 58A, 58B, 58C	A32439-ND◆	6.49 5.58	5222506-1
	75	Plug	C	58C, 141A, 303, URM43, 76, Belden 9907, KX15	A97585-ND◆	2.23 1.92	5-1814800-3
31	50	Jack	C	59B, 62A, 140, 210, URM90, KX6A, KX25, KX52, KX53	A97586-ND◆	2.48 2.14	5-1814801-3
	50	Jack	C	58C, 141A, 303, URM43, 76, Belden 9907, KX15	A97587-ND◆	4.07 3.50	5-1814802-3
Dual Crimp							
32	50	Plug, Weatherproof	—	223, 55, 55A, 55B	A24638-ND†	29.17 25.09	225550-1
	50	Plug, Weatherproof	—	142, 142A, 142B, 400	A32440-ND◆†	16.30 14.02	5225555-6
	50	Plug, Weatherproof	B	RG58A/U and RG58C/U	A32441-ND◆	16.60 14.28	5225555-2
	50	Plug, Weatherproof	—	8, 8A, 213	A24641-ND†	42.72 36.75	225555-7
33	50	Plug, Weatherproof	—	8, 8A, 213	A32442-ND◆†	30.17 25.95	5225555-7
	50	Plug, Weatherproof	—	RG393, 9, 9A, 9B, 214	A24642-ND†	23.62 20.32	1-225550-3
	50	Plug, Weatherproof	—	RG393, 9, 9A, 9B, 214	A32805-ND◆†	25.23 21.70	1-5225550-3
	50	Plug, Weatherproof	—	RG393, 9, 9A, 9B, 214	A24644-ND	31.42 27.02	225550-8
33	50	Right Angle Plug, Weatherproof	—	58, 58A, 58B, 58C	A24645-ND	40.28 34.65	225559-2
	50	Right Angle Plug, Weatherproof	—	58, 58A, 58B, 58C	A32443-ND◆	34.10 29.33	522559-2
	50	Right Angle Plug, Weatherproof	—	142, 142A, 142B, 400	A24646-ND	36.98 31.80	225554-6
	50	Right Angle Plug, Weatherproof	—	393, 225	A24647-ND	74.82 64.35	1-225554-1

◆ RoHS Compliant † Mil Type

TNC PC Board/ Panel Mount Connectors 50 and 75 Ohm

Center Contacts: Gold

Fig.	Ω	Description	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
34	50	Right Angle Jack, Metal With Mounting Posts	A32444-ND◆	6.91 5.94	5227839-1
35	50	Right Angle Jack, Nickel	A24650-ND	12.57 10.82	413933-1
36	50	Bulkhead Jack Adapter, Nickel	A24651-ND◆	10.17 8.75	221500-1
Zinc Die Cast — RoHS Compliant					
37	75	Bulkhead Jack	A97590-ND	2.36 2.04	5-1814804-3
38	50	Vertical PCB Jack	A97591-ND	2.96 2.55	5-1814805-1
39	50	Right Angle PCB Jack	A97592-ND	3.55 3.05	5-1814807-1

◆ RoHS Compliant

Miniature Threaded Connectors 50 Ohm



Fig.	Description	Cable Group RG/U	Digi-Key Part No.	Price Each 1 25	Tyco Electronics Part No.
40	Plug, TEFLON	178, 178A, 178B, 196, 196A, 174, 316, 188, 188A, 180, 180A, 180B, 195, 195A	A24699-ND	7.45 6.41	2-330311-2
41	Jack, TEFLON	180, 180A, 180B, 195, 195A	A24702-ND	13.82 11.89	1-330599-0
42	Solder Jack Adapter	—	A24703-ND	15.86 13.64	329852

Hand Tools and Die Sets for RF Connectors

Terminal Type (Crimp)	Description	Digi-Key Part No.	Price Each	Tyco Electronics Part No.
50 Ohm				
Dual	PRO-CRIMPER III (BNC)	A24786-ND	131.89	58433-1
—	PRO-CRIMPER III Hand Tool	A9996-ND	36.32	354940-1
—	PRO-CRIMPER II/III Repair Kit	A34584-ND	33.60	679221-1
Hex	PRO-CRIMPER III Die Set	A9995-ND	72.65	58436-3
Hex	PRO-CRIMPER III Die Set	A9994-ND	72.65	58436-1
Hex	PRO-CRIMPER III Die Set	A9960-ND	42.11	58436-2
Dual	PRO-CRIMPER III Die Set	A24570-ND	72.65	58435-1
Dual	PRO-CRIMPER III Die Set	A24780-ND	214.05	318450-2
Dual	PRO-CRIMPER III Die Set	A24779-ND	756.76	58330-1
Dual	PRO-CRIMPER III Die Set	A24781-ND	281.08	318452-2
Dual	PRO-CRIMPER III Die Set	A24777-ND	214.05	220189-3
Dual	PRO-CRIMPER III Die Set	A24778-ND	72.65	220189-1
Dual	PRO-CRIMPER III Die Set	A24775-ND	281.08	220189-2
Dual	PRO-CRIMPER III with Die Set	A9970-ND	237.84	91904-2
Dual	BNC Coaxial Die Set	A30571-ND	214.05	1424050-1
BNC PRO-CRIMPER III Dies, 75 Ohm				
Hex	BNC Die Set	A9993-ND	72.65	58425-2
Hex	BNC Die Set	A9992-ND	72.65	58425-1
—	Crimp Tool with Die Set	A9803-ND	78.43	58531-2
—	Crimp Tool with Die Set	A9804-ND	78.43	58531-1
Dual	Die Set	A24597-ND	281.08	58085-1
Dual	Die Set	A24630-ND	214.05	318451-2
Dual	Die Set	A24631-ND	281.08	58538-1
Dual	Die Set	A24632-ND	281.08	58174-1
—	BNC Coaxicon Die Set	A29143-ND	947.03	91904-1
N-Type				
—	Crimp Tool with Die Set	A9807-ND	255.13	58501-1
Hex	Die Set, use with A9996-ND	A9975-ND	214.05	58485-1
Zinc Die Cast				
—	SDE PEW 12 Hand Tool	A97885-ND	55.35	9-1478240-0
Hex	SDE PEW 12 Die Set	A97886-ND	166.49	9-1478242-0

samtec Ganged MMCX Jack



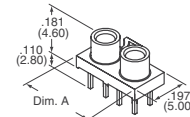
Specifications:

- Shell Material: Brass • Jack Contact Material: BeCu • Insulator Material: Teflon • Pin Material: Brass • Plating: 30µm (0.76µm) Au over 50µm (1.27µm) Ni
- Operating Temperature Range: -40°C ~ 90°C • Insulation Resistance: 1000MΩ min. • Contact Resistance: Center: 5mΩ, Outer: 2.5mΩ • Impedance: 50Ω
- Dielectric Withstanding Voltage: 500Vrms, 50Hz • Dielectric Working Voltage: 170Vrms, 50Hz • Frequency Range: 0 ~ 6GHz

Processing:

- Lead-Free Solderable: Yes

No. of Positions	Dimension A In. (mm)	Digi-Key Part No.	Price Each	Samtec Part No.
6	1.18 (30.0)	SAM8071-ND	37.65	GRF1-J-P-06-E-ST-THI



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