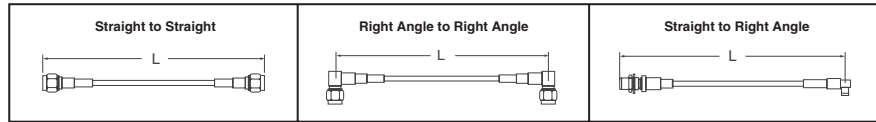


Fixed Length Cables and Adapters

Features: • Tested to customer specifications • Flexible cable • 0GHz - 26GHz
• 50Ω and 75Ω • Controlled impedance **Applications:** • Voltage/Continuity Test Fixture • Interface location gauging • VSWR Quality Assurance Scalar Analyzer • VSWR/TDR Design Engineering Vector Analyzer • CNC Hardline Bender (Semi-rigid cables)



Straight to Straight Cables

Cable Type	Dimension L (Inch)	Digi-Key Part No.	Price Each			Johnson Part No.
			1	10	25	
SMB Plug to SMB Plug						
RG-316	6	J1206-ND	18.52	13.89	11.73	415-0003-006
	12	J1212-ND	19.03	14.28	12.06	415-0003-012
	24	J1224-ND	20.57	15.43	13.03	415-0003-024
	36	J1236-ND	21.60	16.20	13.68	415-0003-036
SMB 75Ω Plug to SMB 75Ω Plug						
RG-179	6	J1606-ND	19.03	14.28	12.06	415-0008-006
	12	J1612-ND	20.06	15.05	12.71	415-0008-012
	24	J1624-ND	21.60	16.20	13.68	415-0008-024
	36	J1636-ND	23.66	17.75	14.99	415-0008-036
RG-179DS	6	J1806-ND	19.55	14.66	12.38	415-0010-006
	12	J1812-ND	21.09	15.82	13.36	415-0010-012
MCX Plug to MCX Plug						
RG-178	6	J2206-ND	17.49	13.12	11.08	415-0014-006
	12	J2212-ND	18.52	13.89	11.73	415-0014-012
	24	J2224-ND	20.57	15.43	13.03	415-0014-024
	36	J2236-ND	22.63	16.98	14.34	415-0014-036
MCX Plug to MCX Bulkhead Jack						
RG-316	6	J2406-ND	21.09	15.82	13.36	415-0016-006
	12	J2412-ND	21.60	16.20	13.68	415-0016-012
	24	J2424-ND	22.63	16.98	14.34	415-0016-024
	36	J2436-ND	24.17	18.14	15.32	415-0016-036
MCX 75Ω Plug to MCX 75Ω Plug						
RG-179	6	J3006-ND	24.17	18.14	15.32	415-0022-006
	12	J3012-ND	25.20	18.90	15.96	415-0022-012
	24	J3024-ND	26.75	20.06	16.94	415-0022-024
	36	J3036-ND	28.80	21.60	18.24	415-0022-036
MMCX Plug to MMCX Plug						
RG-178	6	J728-ND	26.57	19.93	16.83	415-0066-006
	12	J729-ND	27.99	20.99	17.73	415-0066-012
	18	J730-ND	27.10	20.33	17.17	415-0066-018
	24	J731-ND	30.59	22.95	19.98	415-0066-024
RG-316	6	J732-ND	31.07	23.31	19.69	415-0067-006
	12	J733-ND	32.06	24.05	20.31	415-0067-012
	18	J734-ND	32.70	24.53	20.72	415-0067-018
	24	J735-ND	33.89	25.42	21.47	415-0067-024
MMCX Plug to SMA Bulkhead Jack						
RG-178	6	J744-ND	28.99	21.75	18.36	415-0070-006
	12	J745-ND	30.30	22.73	19.19	415-0070-012
	18	J746-ND	31.79	23.85	20.14	415-0070-018
	24	J747-ND	33.10	24.83	20.97	415-0070-024
	36	J748-ND	36.47	27.36	23.10	415-0070-036
RG-316	6	J749-ND	29.88	22.42	18.93	415-0071-006
	12	J750-ND	30.79	23.10	19.51	415-0071-012
	18	J751-ND	31.65	23.74	20.05	415-0071-018
	24	J752-ND	32.79	24.60	20.77	415-0071-024
	36	J753-ND	35.27	26.46	22.34	415-0071-036
SMA Plug to SMA Plug						
RG-178	6	J3306-ND	19.24	14.43	12.19	415-0025-006
	12	J3312-ND	20.37	15.28	12.90	415-0025-012
	24	J3324-ND	22.63	16.98	14.34	415-0025-024
	36	J3336-ND	26.59	19.95	16.84	415-0025-036
RG-316	6	J3706-ND	16.18	12.14	10.25	415-0029-006
	12	J3712-ND	17.26	12.95	10.93	415-0029-012
	24	J3724-ND	16.98	12.74	10.76	415-0029-024
	36	J3736-ND	19.86	14.90	12.58	415-0029-036
RG-316DS	6	J4106-ND	16.18	12.14	10.25	415-0033-006
	12	J4112-ND	16.70	12.53	10.58	415-0033-012
	24	J4124-ND	18.79	14.09	11.90	415-0033-024
	36	J4136-ND	20.84	15.63	13.20	415-0033-036
RG-58	12	J4148-ND	21.27	15.96	13.48	415-0033-048
	12	J4612-ND	18.52	13.89	11.73	415-0038-012
	24	J4624-ND	19.55	14.66	12.38	415-0038-024
	36	J4636-ND	20.57	15.43	13.03	415-0038-036
RG-142	12	J5112-ND	23.15	17.36	14.66	415-0043-012
	24	J5124-ND	29.83	22.38	18.90	415-0043-024
	36	J5136-ND	36.52	27.39	23.13	415-0043-036
Hand Formable .086	3	J822-ND	19.35	14.52	12.26	415-0081-003
	4	J823-ND	19.88	14.91	12.59	415-0081-004
	5	J824-ND	20.40	15.30	12.92	415-0081-005
	6	J825-ND	21.00	15.75	13.30	415-0081-006
	7	J826-ND	21.53	16.15	13.64	415-0081-007
	8	J827-ND	22.13	16.60	14.02	415-0081-008
	12	J828-ND	24.38	18.29	15.44	415-0081-012
Hand Formable .141	18	J829-ND	27.71	20.79	17.56	415-0081-018
	24	J830-ND	31.05	23.29	19.67	415-0081-024
	3	J831-ND	22.20	16.65	14.06	415-0082-003
	4	J832-ND	22.88	17.16	14.49	415-0082-004
5	J833-ND	23.78	17.84	15.06	415-0082-005	
6	J834-ND	24.49	18.37	15.51	415-0082-006	
7	J835-ND	29.32	21.99	18.57	415-0082-007	

Cable Type	Dimension L (Inch)	Digi-Key Part No.	Price Each			Johnson Part No.
			1	10	25	
Hand Formable .141	8	J836-ND	26.06	19.55	16.51	415-0082-008
	12	J837-ND	28.80	21.60	18.24	415-0082-012
	18	J838-ND	32.55	24.42	20.62	415-0082-018
	24	J839-ND	36.30	27.23	22.99	415-0082-024
SMA Plug to SMA Bulkhead Jack						
RG-316	6	J3906-ND	18.00	13.50	11.40	415-0031-006
	12	J3912-ND	19.05	14.29	12.07	415-0031-012
	24	J3924-ND	20.11	15.09	12.74	415-0031-024
	36	J3936-ND	21.47	16.11	13.60	415-0031-036
RG-316DS	6	J4306-ND	17.49	13.12	11.08	415-0035-006
	12	J4312-ND	18.52	13.89	11.73	415-0035-012
	24	J4324-ND	20.57	15.43	13.03	415-0035-024
	36	J4336-ND	22.12	16.59	14.01	415-0035-036
RG-58	12	J4812-ND	23.66	17.75	14.99	415-0040-012
	24	J4824-ND	24.69	18.52	15.64	415-0040-024
	36	J4836-ND	25.72	19.29	16.29	415-0040-036
BNC Plug to BNC Plug						
RG-58	12	J6212-ND	11.83	8.88	7.50	415-0054-012
	24	J6224-ND	12.86	9.65	8.15	415-0054-024
	36	J6236-ND	14.40	10.80	9.12	415-0054-036
Belden 8218	12	J6412-ND	11.83	8.88	7.50	415-0056-012
	24	J6424-ND	13.37	10.03	8.47	415-0056-024
	36	J6436-ND	14.40	10.80	9.12	415-0056-036
RG-59	12	J6512-ND	11.83	8.88	7.50	415-0057-012
	24	J6524-ND	13.37	10.03	8.47	415-0057-024
	36	J6536-ND	14.40	10.80	9.12	415-0057-036
BNC 75Ω Plug to BNC 75Ω Plug						
Belden 8218	12	J5512-ND	16.41	12.31	10.40	415-0047-012
RG-59	12	J5612-ND	16.97	12.73	10.75	415-0048-012
Belden 735A	24	J5924-ND	22.63	16.98	14.34	415-0051-024
	36	J5936-ND	26.75	20.06	16.94	415-0051-036
N Plug to N Plug						
RG-58	24	J6624-ND	18.00	13.50	11.40	415-0058-024
	36	J6636-ND	19.55	14.66	12.38	415-0058-036
	48	J989-ND	26.67	20.00	16.89	415-0058-048
RG-142	12	J6812-ND	22.63	16.98	14.34	415-0060-012
	24	J6824-ND	29.32	21.99	18.57	415-0060-024
	36	J6836-ND	36.00	27.01	22.81	415-0060-036
RG-8	12	J7012-ND	21.09	15.82	13.36	415-0062-012
	24	J7024-ND	25.72	19.29	16.29	415-0062-024
	36	J7036-ND	29.83	22.38	18.90	415-0062-036
SMA Plug to N Plug						
RG-58	12	J6712-ND	17.49	13.12	11.08	415-0059-012
	24	J6724-ND	19.03	14.28	12.06	415-0059-024
	36	J6736-ND	20.06	15.05	12.71	415-0059-036
RG-142	12	J6912-ND	22.63	16.98	14.34	415-0061-012
	24	J6924-ND	29.83	22.38	18.90	415-0061-024
	36	J6936-ND	36.00	27.01	22.81	415-0061-036
SMA Plug to BNC Plug						
RG-316	6	J3606-ND	16.36	12.27	10.37	415-0028-006
	12	J3612-ND	16.80	12.60	10.64	415-0028-012
	24	J3624-ND	17.80	13.36	11.28	415-0028-024
	36	J3636-ND	19.19	14.39	12.16	415-0028-036
RG-58	12	J4512-ND	13.81	10.36	8.75	415-0037-012
	24	J4524-ND	16.46	12.35	10.43	415-0037-024
RG-142	36	J4536-ND	17.49	13.12	11.08	415-0037-036
	12	J5012-ND	20.57	15.43	13.03	415-0042-012
RG-142	24	J5024-ND	26.75	20.06	16.94	415-0042-024
	36	J5036-ND	33.43	25.08	21.18	415-0042-036
SMA Quick-Connect Plug to SMA Plug						
RG-316DS	12	J791-ND	44.66	33.50	28.29	415-0078-012
	24	J792-ND	46.34	34.76	29.35	415-0078-024
	36	J793-ND	48.77	36.58	30.89	415-0078-036
RG-142	12	J794-ND	51.01	38.26	32.31	415-0079-012
	24	J795-ND	57.92	43.45	36.69	415-0079-024
	36	J796-ND	63.68	47.76	40.33	415-0079-036
SMA Quick-Connect Plug to SMA Quick-Connect Plug						
RG-316	12	J779-ND	71.82	53.87	45.49	415-0065-006
	12	J780-ND	72.94	54.71	46.20	415-0065-012
	18	J781-ND	73.87	55.41	46.79	415-0065-018
	24	J782-ND	74.81	56.11	47.38	415-0065-024
	36	J783-ND	76.68	57.51	48.57	415-0065-036
	48	J784-ND				



Right Angle to Right Angle Cables

A

Cable Type	Dimension L (Inch)	Digi-Key Part No.	Price Each			Johnson Part No.
			1	10	25	
SMB Plug to SMB Plug						
RG-178	6	J1006-ND	20.57	15.43	13.03	415-0001-006
	12	J1012-ND	21.60	16.20	13.68	415-0001-012
	24	J1024-ND	23.66	17.75	14.99	415-0001-024
	36	J1036-ND	25.72	19.29	16.29	415-0001-036
RG-316	6	J7306-ND	19.03	14.28	12.06	415-0004-006
	12	J7312-ND	19.55	14.66	12.38	415-0004-012
	24	J7324-ND	21.09	15.82	13.36	415-0004-024
	36	J7336-ND	22.63	16.98	14.34	415-0004-036
MCX Plug to MCX Plug						
RG-178	6	J2306-ND	16.97	12.73	10.75	415-0015-006
	12	J2312-ND	18.52	13.89	11.73	415-0015-012
	24	J2324-ND	20.06	15.05	12.71	415-0015-024
	36	J2336-ND	22.63	16.98	14.34	415-0015-036
RG-316	6	J2706-ND	18.11	13.58	11.47	415-0019-006
	12	J2712-ND	18.67	14.01	11.83	415-0019-012
	24	J2724-ND	20.37	15.28	12.90	415-0019-024
	36	J2736-ND	21.50	16.13	13.62	415-0019-036
RG-316DS	6	J2906-ND	18.11	13.58	11.47	415-0021-006
	12	J2912-ND	17.81	13.36	11.29	415-0021-012
	24	J2924-ND	20.93	15.70	13.26	415-0021-024
	36	J2936-ND	22.63	16.98	14.34	415-0021-036
MMCX Plug to MMCX Plug						
RG-178	6	J736-ND	34.95	26.22	22.14	415-0068-006
	12	J737-ND	36.47	27.36	23.10	415-0068-012
	18	J738-ND	37.78	28.34	23.93	415-0068-018
	24	J739-ND	39.09	29.32	24.76	415-0068-024
RG-316	6	J740-ND	32.73	24.55	20.73	415-0069-006
	12	J741-ND	33.66	25.25	21.32	415-0069-012
	18	J742-ND	34.60	25.95	21.92	415-0069-018
	24	J743-ND	35.54	26.66	22.51	415-0069-024
SMA Plug to SMA Plug						
RG-178	6	J3506-ND	24.17	18.14	15.32	415-0027-006
	12	J3512-ND	25.20	18.90	15.96	415-0027-012
	24	J3524-ND	27.77	20.84	17.60	415-0027-024
	36	J3536-ND	29.83	22.38	18.90	415-0027-036
RG-316	6	J4006-ND	20.06	15.05	12.71	415-0032-006
	12	J4012-ND	20.57	15.43	13.03	415-0032-012
	24	J4024-ND	22.12	16.59	14.01	415-0032-024
	36	J4036-ND	23.66	17.75	14.99	415-0032-036
RG-316DS	6	J4406-ND	22.63	16.98	14.34	415-0036-006
	12	J4412-ND	21.48	16.11	13.61	415-0036-012
	24	J4424-ND	24.89	18.68	15.77	415-0036-024
	36	J4436-ND	25.14	18.86	15.93	415-0036-036
RG-58	12	J4912-ND	20.95	15.72	13.27	415-0041-012
	24	J4924-ND	23.66	17.75	14.99	415-0041-024
	36	J4936-ND	24.69	18.52	15.64	415-0041-036

Straight to Right Angle Cables

Cable Type	Dimension L (Inch)	Digi-Key Part No.	Price Each			Johnson Part No.
			1	10	25	
SMB Plug to SMB Plug						
RG-316	6	J1106-ND	18.52	13.89	11.73	415-0002-006
	12	J1112-ND	19.55	14.66	12.38	415-0002-012
	24	J1124-ND	20.57	15.43	13.03	415-0002-024
	36	J1136-ND	22.12	16.59	14.01	415-0002-036
RG-178	6	J1506-ND	22.63	16.98	14.34	415-0007-006
	12	J1512-ND	23.66	17.75	14.99	415-0007-012
	24	J1524-ND	26.23	19.68	16.62	415-0007-024
	36	J1536-ND	28.29	21.22	17.92	415-0007-036
MCX Plug to MCX Plug						
RG-316	6	J2506-ND	16.97	12.73	10.75	415-0017-006
	12	J2512-ND	17.54	13.16	11.11	415-0017-012
	24	J2524-ND	18.67	14.01	11.83	415-0017-024
	36	J2536-ND	20.37	15.28	12.90	415-0017-036
SMA Plug to SMA Plug						
RG-178	6	J3406-ND	21.91	16.43	13.88	415-0026-006
	12	J3412-ND	22.87	17.15	14.49	415-0026-012
	24	J3424-ND	24.99	18.75	15.83	415-0026-024
	36	J3436-ND	27.65	20.75	17.52	415-0026-036
RG-316	6	J3806-ND	18.00	13.50	11.40	415-0030-006
	12	J3812-ND	18.52	13.89	11.73	415-0030-012
	24	J3824-ND	19.47	14.61	12.34	415-0030-024
	36	J3836-ND	21.50	16.13	13.62	415-0030-036
RG-316DS	6	J4206-ND	18.00	13.50	11.40	415-0034-006
	12	J4212-ND	19.03	14.28	12.06	415-0034-012
	24	J4224-ND	20.57	15.43	13.03	415-0034-024
	36	J4236-ND	22.12	16.59	14.01	415-0034-036
RG-142	12	J5212-ND	25.20	18.90	15.96	415-0044-012
	24	J5224-ND	31.89	23.92	20.20	415-0044-024
	36	J5236-ND	38.57	28.94	24.44	415-0044-036
SMA Bulkhead Jack to MMCX Plug						
RG-178	6	J754-ND	33.07	24.81	20.95	415-0072-006
	12	J755-ND	34.57	25.93	21.90	415-0072-012
	18	J756-ND	35.88	26.91	22.73	415-0072-018
	24	J757-ND	37.19	27.89	23.56	415-0072-024
	36	J758-ND	40.73	30.56	25.80	415-0072-036

Cable Type	Dimension L (Inch)	Digi-Key Part No.	Price Each			Johnson Part No.
			1	10	25	
RG-316	6	J759-ND	30.18	22.64	19.12	415-0073-006
	12	J760-ND	31.02	23.27	19.65	415-0073-012
	18	J761-ND	32.14	24.11	20.36	415-0073-018
	24	J762-ND	33.07	24.81	20.95	415-0073-024
	36	J763-ND	35.50	26.63	22.49	415-0073-036
SMA Bulkhead Jack to SMA Plug						
RG-316	6	J764-ND	27.84	20.88	17.64	415-0074-006
	12	J765-ND	28.78	21.59	18.23	415-0074-012
	24	J766-ND	30.65	22.99	19.41	415-0074-024
	36	J767-ND	33.26	24.95	21.07	415-0074-036
RG-316DS	6	J768-ND	35.13	26.35	22.25	415-0074-048
	12	J769-ND	28.52	21.40	18.07	415-0064-006
	24	J772-ND	29.30	21.98	18.56	415-0064-012
	36	J773-ND	31.08	23.32	19.69	415-0064-024
RG-142	6	J7236-ND	33.49	25.12	21.21	415-0064-036
	12	J7224-ND	32.28	24.22	20.45	415-0064-048
	6	J774-ND	33.26	24.95	21.07	415-0075-006
	12	J775-ND	36.81	27.61	23.32	415-0075-012
RG-142	24	J776-ND	43.91	32.94	27.82	415-0075-024
	36	J777-ND	51.57	38.68	32.67	415-0075-036
	48	J778-ND	58.49	43.87	37.05	415-0075-048

Adapters

Dimensions in (mm)

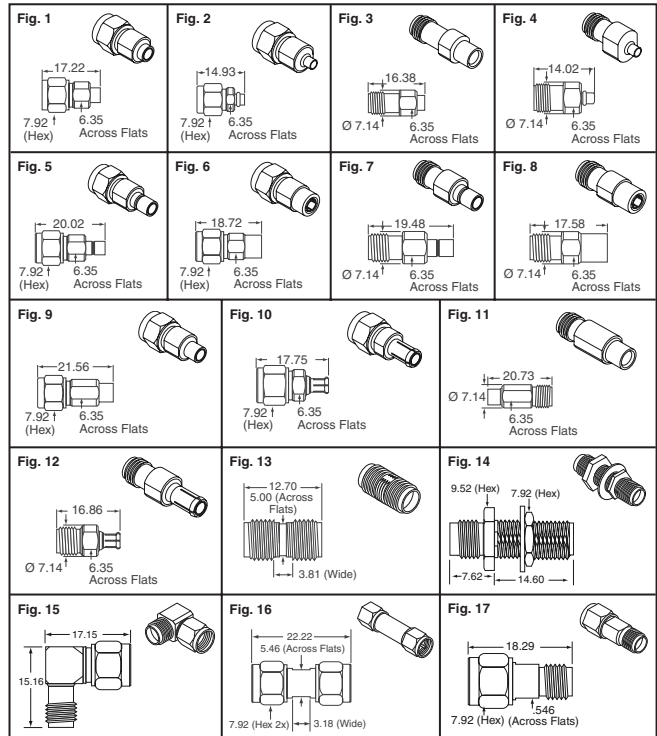


Fig.	Description	VSWR (GHz)	Frequency Range (GHz)	Digi-Key Part No.	Price Each 1	Johnson Part No.
1	SMA Plug to MMCX Jack	1.05 + .05f	0 - 6	J617-ND	39.60	32.87 134-1019-151
2	SMA Plug to MMCX Plug	1.05 + .05f	0 - 6	J618-ND	42.90	35.61 134-1019-161
3	SMA Jack to MMCX Jack	1.05 + .05f	0 - 6	J619-ND	36.30	30.14 134-1019-171
4	SMA Jack to MMCX Plug	1.05 + .05f	0 - 6	J620-ND	39.60	32.87 134-1019-181
5	SMA Plug to SMB Jack	1.05 + .01f	0 - 4	J621-ND	36.30	30.14 134-1012-011
6	SMA Plug to SMB Plug	1.05 + .01f	0 - 4	J622-ND	39.60	32.87 134-1012-021
7	SMA Jack to SMB Jack	1.05 + .01f	0 - 4	J623-ND	36.30	30.14 134-1012-031
8	SMA Jack to SMB Plug	1.05 + .01f	0 - 4	J624-ND	37.23	30.91 134-1012-041
9	SMA Plug to MCX Jack	1.03 + .03f	0 - 6	J625-ND	36.30	30.14 134-1018-001
10	SMA Plug to MCX Plug	1.03 + .03f	0 - 6	J626-ND	39.60	32.87 134-1018-011
11	SMA Jack to MCX Jack	1.03 + .03f	0 - 6	J627-ND	36.30	30.14 134-1018-021
12	SMA Jack to MCX Plug	1.03 + .03f	0 - 6	J628-ND	36.30	30.14 134-1018-031
13	SMA Jack to SMA Jack	1.05 + .005f	0 - 18	J655-ND	18.97	16.64 142-0901-801
14	SMA Jack to SMA Bulkhead Jack	1.05 + .01f	0 - 18	J659-ND	27.08	23.75 142-0901-401
15	SMA Jack to SMA Plug / Rt. Angle	1.035 + .02f	0 - 18	J632-ND	24.54	21.52 142-0901-941
16	SMA Plug to SMA Plug	1.05 + .01f	0 - 18	J633-ND	21.87	19.18 142-0901-811
17	SMA Plug to SMA Jack	1.05 + .005f	0 - 18	J656-ND	14.25	12.50 142-0901-821

Note: All Adapters are Gold plated.

More Product Available Online: www.digkey.com

Emerson's UMC Ultraminiature Coaxial Connectors and Cable Assemblies are the answer for quality, snap-on connections built to meet your cost and performance targets. The UMC cable plugs and jack receptacles offer 2.0mm and 2.5mm maximum mated height options with DC to 6 GHz electrical performance.

Applications: • Wireless LAN, Mini-PCI and Hand-Held RF Devices • GSM, GPRS and CDMA Mobile Phones • PDA and Notebook Computer • GPS • Bluetooth • Microwave radio and measurement **Features:** • Excellent cost to performance

Product Specifications:
• Impedance: 50Ω (nominal) • Temperature Range: -40°C – 90°C • Frequency Rating: 0GHz – 6GHz • VSWR: 1.30 maximum (0GHz – 6GHz) • Contact Resistance: 20mΩ maximum (Center), 20mΩ maximum (Outer, for plug), 10mΩ maximum (Outer, for receptacle) • Withstanding Voltage: 200VAC • Insulation Resistance: 500MΩ minimum • Durability: 30 cycles • Holding Force (minimum): 0.15 N (Female contact)

A

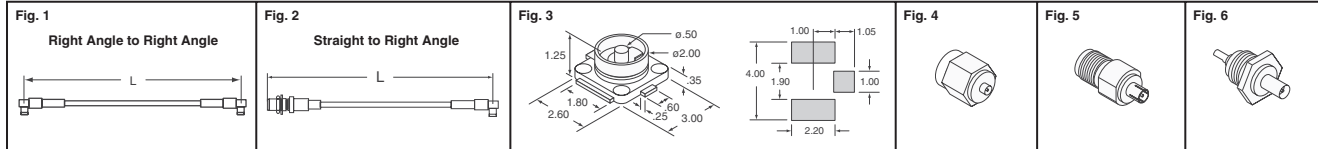


Fig.	Coaxial Cable ø (mm)	Plug Mated Height (mm)	Dimension L (mm)	Digi-Key Part No.	Price Each	1	50	100	Johnson Part No.
Right Angle to Right Angle Cables									
Low Profile UMC Right Angle Cable Plug to UMC Right Angle Cable Plug									
1	.081	2.0	50	J918-ND	3.58	3.18	2.52	415-0084-050	
			100	J919-ND	3.75	3.34	2.64	415-0084-100	
			150	J920-ND	3.98	3.54	2.81	415-0084-150	
			200	J921-ND	4.12	3.66	2.90	415-0084-200	
			250	J922-ND	4.25	3.78	3.00	415-0084-250	
			300	J923-ND	4.46	3.96	3.14	415-0084-300	
500	J924-ND	5.20	4.62	3.66	415-0084-500				
Medium Profile UMC Right Angle Cable Plug to UMC Right Angle Cable Plug									
1	.081	2.5	50	J925-ND	3.58	3.18	2.52	415-0085-050	
			100	J926-ND	3.75	3.34	2.64	415-0085-100	
			150	J927-ND	3.98	3.54	2.81	415-0085-150	
			200	J928-ND	4.12	3.66	2.90	415-0085-200	
			250	J929-ND	4.25	3.78	3.00	415-0085-250	
			300	J930-ND	4.46	3.96	3.14	415-0085-300	
500	J931-ND	5.20	4.62	3.66	415-0085-500				
1	1.13	2.5	50	J932-ND	3.58	3.18	2.52	415-0086-050	
			100	J933-ND	3.75	3.34	2.64	415-0086-100	
			150	J934-ND	3.98	3.54	2.81	415-0086-150	
			200	J935-ND	4.12	3.66	2.90	415-0086-200	
			250	J936-ND	4.25	3.78	3.00	415-0086-250	
			300	J937-ND	4.46	3.96	3.14	415-0086-300	
500	J938-ND	5.20	4.62	3.66	415-0086-500				
1	1.32	2.5	50	J939-ND	3.58	3.18	2.52	415-0087-050	
			100	J940-ND	3.75	3.34	2.64	415-0087-100	
			150	J941-ND	3.98	3.54	2.81	415-0087-150	
			200	J942-ND	4.12	3.66	2.90	415-0087-200	
			250	J943-ND	4.25	3.78	3.00	415-0087-250	
			300	J944-ND	4.46	3.96	3.14	415-0087-300	
500	J945-ND	5.20	4.62	3.66	415-0087-500				
1	1.37	2.5	50	J946-ND	3.58	3.18	2.52	415-0088-050	
			100	J947-ND	3.75	3.34	2.64	415-0088-100	
			150	J948-ND	3.98	3.54	2.81	415-0088-150	
			200	J949-ND	4.12	3.66	2.90	415-0088-200	
			250	J950-ND	4.25	3.78	3.00	415-0088-250	
			300	J951-ND	4.46	3.96	3.14	415-0088-300	
500	J952-ND	5.20	4.62	3.66	415-0088-500				
Low Profile UMC Right Angle Cable Plug to MMCX Right Angle Crimp Plug									
1	.81	2.0	150	J977-ND	15.20	13.51	10.70	415-0101-150	
			250	J978-ND	15.42	13.71	10.86	415-0101-250	
Medium Profile UMC Right Angle Cable Plug to MMCX Right Angle Crimp Plug									
1	.81	2.5	150	J979-ND	15.20	13.51	10.70	415-0102-150	
			250	J980-ND	15.42	13.71	10.86	415-0102-250	
			150	J981-ND	14.82	13.18	10.43	415-0103-150	
			250	J982-ND	15.12	13.44	10.64	415-0103-250	
Right Angle to Straight Cables									
Low Profile UMC Right Angle Cable Plug to SMA Straight Crimp Plug									
2	.81	2.0	150	J953-ND	17.84	15.86	12.56	415-0089-150	
			250	J954-ND	18.18	16.17	12.80	415-0089-250	

Fig.	Coaxial Cable ø (mm)	Plug Mated Height (mm)	Dimension L (mm)	Digi-Key Part No.	Price Each	1	50	100	Johnson Part No.
Medium Profile UMC Right Angle Cable Plug to SMA Straight Crimp Plug									
2	.81	2.5	150	J955-ND	17.84	15.86	12.56	415-0090-150	
			250	J956-ND	18.18	16.17	12.80	415-0090-250	
	1.37	2.5	150	J957-ND	17.69	15.73	12.45	415-0091-150	
			250	J958-ND	17.92	15.93	12.61	415-0091-250	
Low Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Plug									
2	.81	2.0	150	J959-ND	17.05	15.16	12.00	415-0092-150	
			250	J960-ND	17.35	15.43	12.21	415-0092-250	
Medium Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Plug									
2	.81	2.5	150	J961-ND	17.05	15.16	12.00	415-0093-150	
			250	J962-ND	17.35	15.43	12.21	415-0093-250	
	1.37	2.5	150	J963-ND	15.20	13.51	10.70	415-0094-150	
			250	J964-ND	15.80	14.05	11.12	415-0094-250	
Low Profile UMC Right Angle Cable Plug to SMA Straight Crimp Bulkhead Jack									
2	.81	2.0	150	J965-ND	15.80	14.05	11.12	415-0095-150	
			250	J966-ND	16.03	14.25	11.28	415-0095-250	
Medium Profile UMC Right Angle Cable Plug to SMA Straight Crimp Bulkhead Jack									
2	.81	2.5	150	J967-ND	15.80	14.05	11.12	415-0096-150	
			250	J968-ND	16.03	14.25	11.28	415-0096-250	
	1.37	2.5	150	J969-ND	17.24	15.33	12.13	415-0097-150	
			250	J970-ND	15.80	14.05	11.12	415-0097-250	
Low Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Bulkhead Jack									
2	.81	2.0	150	J971-ND	16.93	15.06	11.92	415-0098-150	
			250	J972-ND	17.16	15.26	12.08	415-0098-250	
Medium Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Bulkhead Jack									
2	.81	2.5	150	J973-ND	16.93	15.06	11.92	415-0099-150	
			250	J974-ND	17.16	15.26	12.08	415-0099-250	
	1.37	2.5	150	J975-ND	16.71	14.86	11.76	415-0100-150	
			250	J976-ND	16.86	14.99	11.87	415-0100-250	
Low Profile UMC Right Angle Cable Plug to Bare End									
—	.81	2.5	150	J10034-ND	2.50	2.22	1.76	415-0104-150	
			250	J10035-ND	2.80	2.50	1.98	415-0104-250	
Medium Profile UMC Right Angle Cable Plug to Bare End									
—	.81	2.5	150	J10036-ND	2.50	2.22	1.76	415-0105-150	
			250	J10037-ND	2.80	2.50	1.98	415-0105-250	
	1.13	2.5	150	J10038-ND	2.50	2.22	1.76	415-0106-150	
			250	J10039-ND	2.80	2.50	1.98	415-0106-250	
—	1.32	2.5	150	J10040-ND	2.50	2.22	1.76	415-0107-150	
			250	J10041-ND	2.80	2.50	1.98	415-0107-250	
—	1.37	2.5	150	J10042-ND	2.50	2.22	1.76	415-0108-150	
			250	J10043-ND	2.80	2.50	1.98	415-0108-250	
Connectors and Accessories									
UMC PCB Jack Receptacle - Surface Mount									
3	Straight Jack Receptacle			J983CT-ND	1.03	.64	.47	128-0711-201	
				J983TR-ND	1160.00/2,500			128-0711-201	
SMA Conversion Adapters									
4	SMA Plug to UMC Jack			J983S-ND	135.00	120.00	95.00	134-1019-361	
5	SMA Jack to UMC Plug			J986-ND	135.00	120.00	95.00	134-1019-371	
6	SMA Adapter for Surface Mount Jack			J987-ND	141.75	126.00	99.75	134-1019-381	
Tool									
—	UMC Separation Key			J984-ND	3.78	3.36	2.66	128-0000-901	

NEW! Weatherproof F, BNC and RCA Compression Connectors for Audio/Video Installations

BNC, F and RCA connectors are constructed of zinc plated machined brass, and consist of a gold plated center pin allowing the best conductivity while providing picture perfect video and superior sound quality. **Note:** 1pc = pack of 10

Fig.	Description	Digi-Key Part No.	Price Each	1	50	100	Emerson Part No.
F Connectors							
1	RG-59, Blue	J10044-ND	9.76	7.10	6.39	25-2502-10PB	
	RG-6, Black	J10045-ND	9.76	7.10	6.39	25-2601-10PB	
	Gold Series, RG-59, Blue	J10056-ND	11.11	8.08	7.28	25-2502G-10PB	
BNC Connectors							
2	75Ω, RG-59, Blue	J10046-ND	38.01	27.64	24.88	28-2502-10PB	
	75Ω, RG-6, Black	J10047-ND	38.01	27.64	24.88	28-2601-10PB	
RCA Connectors							
3	RG-59, 2 per Color	J10048-ND†	26.92	19.58	17.63	19-2500-10PB	
	RG-59, Red	J10049-ND	26.92	19.58	17.63	19-2504-10PB	

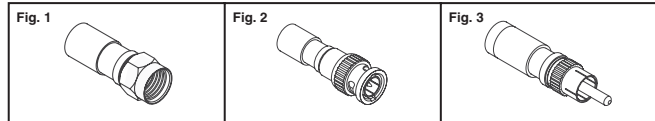


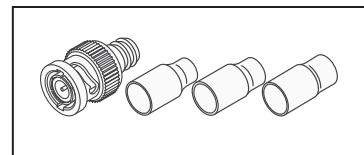
Fig.	Description	Digi-Key Part No.	Price Each	1	50	100	Emerson Part No.
3	RG-59, Yellow	J10050-ND	26.92	19.58	17.63	19-2505-10PB	
	RG-59, White	J10051-ND	26.92	19.58	17.63	19-2506-10PB	
	RG-6, 2 per Color	J10052-ND†	26.92	19.58	17.63	19-2600-10PB	
	RG-6, Red	J10053-ND	26.92	19.58	17.63	19-2604-10PB	
	RG-6, Yellow	J10054-ND	26.92	19.58	17.63	19-2605-10PB	
	RG-6, White	J10055-ND	26.92	19.58	17.63	19-2606-10PB	
Tool							
—	Adjustable 3-Way Ratchet Crimp Tool	J10057-ND	41.96	—	—	—	24-7714P

† Includes 2 each of blue, green, red, yellow and white

NEW! Multi-Ferrule BNC Connector

These commercial grade, 2-piece BNC connectors are designed for use on flexible 50Ω coaxial cable and are ideal for use in test equipment and instrumentation, CCTV, PC/LAN. Process controls applications and more. They have been designed around MIL-STD-202 with up to a 4GHz frequency range. By including multiple ferrules these connectors are designed to eliminate extra inventory on the shelf, while allowing termination of various cable sizes.

Description	Digi-Key Part No.	Price Each	1	50	100	Emerson Part No.
Crimp BNC Plug with 3 Ferrules	J10058-ND	2.64	1.92	1.73	27-9213	



More Product Available Online: www.digkey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380



RF Connectors and Adapters

A

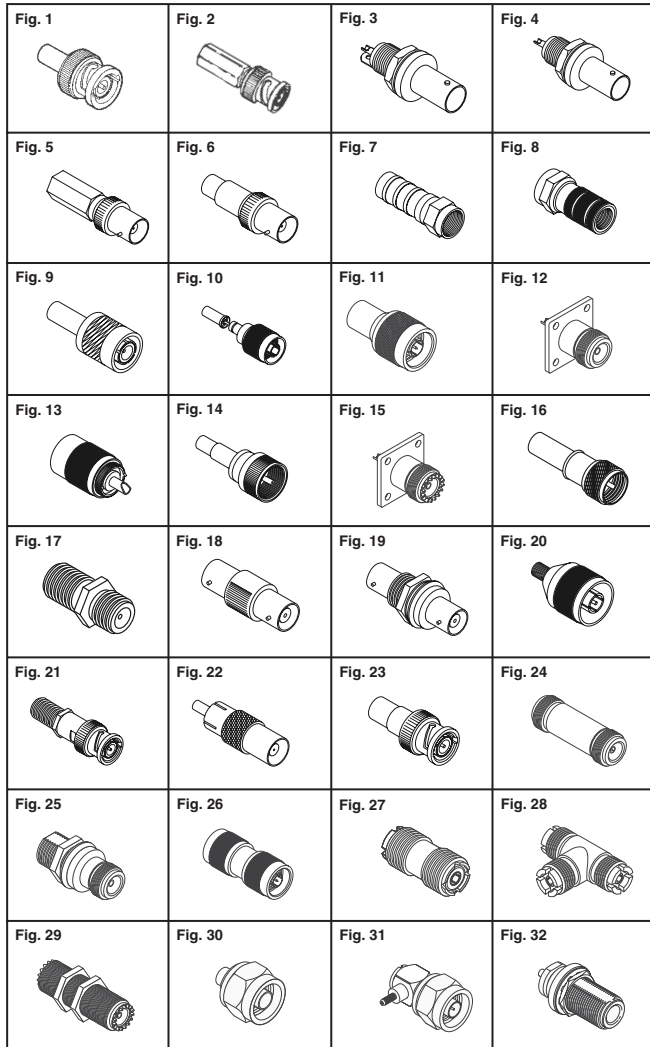


Fig.	Type	Description	Cable Group RG/U	Digi-Key Part No.	Price Each	Emerson Part No.
Connectors						
True 75 Ohm BNC						
1	Plug	Crimp-Type, Solder or Crimp Contact, 75Ω	RG-6, Belden 8215 RG-179, 187, Belden 1520A	367-1069-ND 367-1072-ND	5.97 5.43 4.34 6.44 5.85 4.68	CPMC-68-5 CPMC-68-20
BNC						
1	Plug	Crimp-Type Push-On, 50Ω	RG-58	367-1001-ND	2.06 1.88 1.50	CP-88-1
			RG-59, 62	367-1002-ND	1.98 1.80 1.44	CP-88-2
			RG-6	367-1004-ND	2.12 1.93 1.54	CP-88-5
			RG-179, 187	367-1043-ND	2.61 2.38 1.90	CPM-88-20
1	Plug	Crimp-Type, Solder or Crimp Contact, 50Ω	RG-174, 188, 316	367-1044-ND	2.61 2.38 1.90	CPM-88-19
			RG-58, 141	367-1047-ND	2.61 2.38 1.90	CPMC-88-1
			RG-59, 62	367-1048-ND	2.61 2.38 1.90	CPMC-88-2
			RG-142, 223, 400, 55	367-1052-ND	2.61 2.38 1.90	CPMC-88-10
1	Plug	Crimp-Type, Solder or Crimp Contact, 75Ω	Belden 8218	367-1053-ND	2.61 2.38 1.90	CPMC-88-18
			Belden 8215	367-1045-ND	2.61 2.38 1.90	CPMC-78-2
2	Plug	Twist-On, Field Installable, 50Ω	RG-58	367-1030-ND	1.98 1.80 1.44	CPFI-UG88-1
			RG-59, 62	367-1031-ND	1.95 1.78 1.42	CPFI-UG88-2
			RG-6	367-1034-ND	1.87 1.70 1.36	CPFI-UG88-5
3	Jack	Front-Mnt. Bulkhead Jack with Solder Tab, 50Ω	—	367-1019-ND	3.03 2.75 2.20	CP-1094-AST
4	Jack	Front-Mnt. Bulkhead Jack without Solder Lug, 50Ω	—	367-1020-ND	3.03 2.75 2.20	CP-1094-U
5	Jack	Straight Twist-On Jack, 50 Ohm	RG-59, 62	367-1036-ND	2.53 2.30 1.84	CPFI-UG89-2
6	Jack	Crimp-Type Jack, Push-On Body, 50Ω	RG-59, 62	367-1007-ND	2.06 1.88 1.50	CP-89-2

Fig.	Type	Description	Cable Group RG/U	Digi-Key Part No.	Price Each	Emerson Part No.
Type F						
7	Plug	Crimp-Type Plug	RG-6	367-1022-ND	.44 .40 .32	CPF-56-ALM
			RG-6 Quad Shield	367-1023-ND	.50 .45 .36	CPF-56-ALS
			RG-59	367-1025-ND	.44 .40 .32	CPF-59-ALM
8	Plug	Twist-On Plug (no Crimp)	RG-6	367-1027-ND	.47 .43 .34	CPFI-56
TNC						
9	Plug	Crimp-Type Plug Solder or Crimp	RG-58, 141	367-1056-ND	2.61 2.38 1.90	CPMC-TNC-13
			RG-142, 223, 400, 55	367-1057-ND	2.61 2.38 1.90	CPMC-TNC-13
			RG-8X (MINI 8)	367-1058-ND	2.61 2.38 1.90	CPMC-TNC-17
Type N						
10	Plug	Crimp-Type Plug	RG-58	367-1059-ND	5.39 4.90 3.92	CPN-1
			RG-142, TFE	367-1060-ND	5.39 4.90 3.92	CPN-142T
			RG-8, 213	367-1061-ND	5.39 4.90 3.92	CPN-8
			RG-8, 213	367-1062-ND	5.39 4.90 3.92	CPN-8/110
			Proflex RG-450	367-1063-ND	5.39 4.90 3.92	CPN-16
			RG-8X (MINI 8)	367-1066-ND	5.39 4.90 3.92	CPN-17
11	Plug	Crimp-Type Plug	RG-8, 213	367-1079-ND	7.89 7.18 5.74	CPN-68-8
			RG-58, Belden 9907	367-1080-ND	5.97 5.43 4.34	CPN-68-1
12	Jack	Flange Mount Jack	—	367-1081-ND	3.69 3.35 2.68	CPAD801
UHF						
13	Plug	Solder-Type, Standard	RG-8, 213	367-1010-ND	3.80 3.45 2.76	CP-AD-250
14	Plug	Crimp-Type, Crimp Contact	RG-58	367-1037-ND	3.22 2.93 2.34	CPL-259-1
			RG-59, 62	367-1038-ND	3.22 2.93 2.34	CPL-259-2
			RG-59, TFE	367-1040-ND	1.55 1.41 1.13	CPL-259-10
15	Jack	4-Hole Flange Mount Jack	—	367-1082-ND	1.84 1.68 1.34	CP-AD206
Mini-UHF						
16	Plug	Crimp-Type, Solder or Crimp Contact	RG-58	367-1064-ND	1.71 1.55 1.24	MINI-UHF-1
			RG-8X (MINI 8)	367-1066-ND	1.71 1.55 1.24	MINI-UHF-17

Fig.	Description	Digi-Key Part No.	Price Each	Emerson Part No.
Adapters				
F In-Series				
17	Jack to Jack Adapter, 3/4" In-line Splice	367-1026-ND	.39 .35 .28	CPF-81
BNC				
18	Jack to Jack Adapter	367-1015-ND	1.54 1.40 1.12	CP-AD-555
19	Bulkhead Jack to Jack Adapter with Lock Washer	367-1016-ND	5.25 4.78 3.82	CP-AD-556M
Between Series				
20	N Plug to SMA Jack	367-1017-ND	6.90 6.28 5.02	29-3840
21	BNC Plug to F Jack	367-1014-ND	2.48 2.25 1.80	CP-AD-516
22	BNC Jack to RCA Plug	367-1012-ND	1.76 1.60 1.28	CP-AD-501
23	BNC 50 Ohm Plug to RCA Jack	367-1013-ND	1.35 1.23 .98	CP-AD-515
Type N				
24	Jack to Jack Adapter	367-1087-ND	4.79 4.35 3.48	CP-AD850
25	Jack to Bulkhead Jack Adapter	367-1088-ND	4.79 4.35 3.48	CP-AD851
26	Plug to Plug Adapter	367-1089-ND	6.57 5.98 4.78	CP-AD800
UHF				
27	Jack to Jack Adapter	367-1083-ND	2.67 2.43 1.94	CP-AD204
28	Jack to Jack to Jack T Adapter	367-1084-ND	9.13 8.30 6.64	CP-AD210
29	Bulkhead Jack to Bulkhead Jack Adapter	367-1090-ND	6.13 5.58 4.46	CP-AD207

Fig.	Type	Description	Cable Group RG/U	Digi-Key Part No.	Price Each	Johnson Part No.	
11 GHz, MIL-PRF-39012, Connectors							
Type N							
30	Plug	Straight Crimp	RG-58/U, 141, 303	J841-ND	15.28 13.40 11.52	138-4407-007	
			RG-213, 8/U	J842-ND	16.90 14.82 12.74	138-4416-007	
			RG-214, 9/U	J843-ND	16.58 14.54 12.50	138-4418-007	
			RG-142, 55/U, 223, 400	J844-ND	15.28 13.40 11.52	138-4408-007	
			RG-316, 161/U, 174, 188	J845-ND	19.50 17.10 14.70	138-4403-007	
			RG-316 DS, 188 DS	J846-ND	20.15 17.67 15.19	138-4404-007	
	30	Plug	Straight Solder	LMR-400, Belden 9913	J847-ND	16.25 14.25 12.25	138-4449-007
				RG-401, 250 Semi-Rigid	J854-ND	16.41 14.65 12.60	138-4696-001
				RG-402, 141 Semi-Rigid	J855-ND	16.45 14.43 12.40	138-4694-001
				RG-405, .086 Semi-Rigid	J856-ND	16.45 14.43 12.40	138-4693-001
				RG-401, 250 Semi-Rigid	J857-ND	16.51 14.48 12.45	138-4696-011
				RG-402, 141 Semi-Rigid	J858-ND	21.78 19.10 16.42	138-4694-011
31	Plug	Right-Angle Crimp	RG-405, .086 Semi-Rigid	J859-ND	17.36 15.22 13.09	138-4693-011	
			RG-58/U, 141, 303	J848-ND	25.68 22.52 19.36	138-4407-107	
			RG-213, 8/U	J849-ND	21.45 18.81 16.17	138-4416-107	
			RG-214, 9/U	J850-ND	21.45 18.81 16.17	138-4418-107	
			RG-142, 55/U, 223, 400	J851-ND	25.68 22.52 19.36	138-4408-107	
			RG-316, 161/U, 174, 188	J852-ND	24.70 21.66 18.62	138-4403-107	
	32	Jack	Straight Crimp	RG-316 DS, 188 DS	J853-ND	25.35 22.23 19.11	138-4404-107
				RG-58/U, 141, 303	J860-ND	20.09 17.62 15.15	138-4307-407
				RG-214, 9/U	J862-ND	20.15 17.67 15.19	138-4318-407
				RG-142, 55/U, 223, 400	J863-ND	20.09 17.62 15.15	138-4308-407
				RB-316, 161/U, 174, 188	J864-ND	25.68 22.52 19.36	138-4303-407
				RG-316 DS, 188 DS	J865-ND	25.68 22.52 19.36	138-4304-407
32	Jack	Straight Solder	LMR-400, Belden 9913	J866-ND	20.35 17.85 15.34	138-4349-407	
			RG-405, .086 Semi-Rigid	J869-ND	22.43 19.67 16.91	138-4593-401	

Fig.	Description	Digi-Key Part No.	Price Each	Johnson Part No.
18 GHz, MIL-PRF-39012, Adapters				
Type N				
24	Jack to Jack Adapter	J870-ND	33.54 29.42 25.29	138-4901-807
25	Jack to Bulkhead Jack Adapter	J871-ND	38.68 33.92 29.16	138-4901-407
26	Plug to Plug Adapter	J872-ND	41.86 36.71 31.56	138-4901-817

More Product Available Online: www.digkey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380