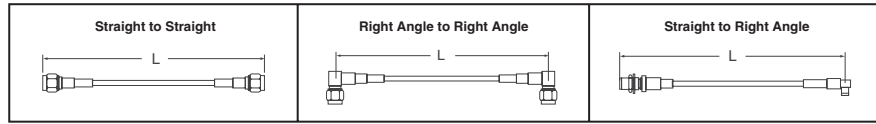


## Fixed Length Cables and Adapters

**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	
<b>SMB Plug to SMB Plug</b>						
RG-316	6	J1206-ND	13.45	10.09	8.52	415-0003-006
	12	J1212-ND	13.82	10.37	8.75	415-0003-012
	24	J1224-ND	14.93	11.21	9.46	415-0003-024
	36	J1236-ND	15.68	11.77	9.94	415-0003-036
<b>SMB 75Ω Plug to SMB 75Ω Plug</b>						
RG-179	6	J1606-ND	13.82	10.37	8.75	415-0008-006
	12	J1612-ND	14.56	10.93	9.23	415-0008-012
	24	J1624-ND	15.68	11.77	9.94	415-0008-024
	36	J1636-ND	17.18	12.89	10.88	415-0008-036
RG-179DS	6	J1806-ND	14.19	10.65	8.99	415-0010-006
	12	J1812-ND	15.31	11.49	9.70	415-0010-012
<b>MCX Plug to MCX Plug</b>						
RG-178	6	J2206-ND	12.70	9.53	8.05	415-0014-006
	12	J2212-ND	13.45	10.09	8.52	415-0014-012
	24	J2224-ND	14.93	11.21	9.46	415-0014-024
	36	J2236-ND	16.43	12.33	10.41	415-0014-036
<b>MCX Plug to MCX Bulkhead Jack</b>						
RG-316	6	J2406-ND	15.31	11.49	9.70	415-0016-006
	12	J2412-ND	15.68	11.77	9.94	415-0016-012
	24	J2424-ND	16.43	12.33	10.41	415-0016-024
	36	J2436-ND	17.55	13.17	11.12	415-0016-036
<b>MCX 75Ω Plug to MCX 75Ω Plug</b>						
RG-179	6	J3006-ND	17.55	13.17	11.12	415-0022-006
	12	J3012-ND	18.30	13.73	11.59	415-0022-012
	24	J3024-ND	19.42	14.57	12.30	415-0022-024
	36	J3036-ND	20.91	15.69	13.25	415-0022-036
<b>MMCX Plug to MMCX Plug</b>						
RG-178	6	J728-ND	19.29	14.47	12.22	415-0066-006
	12	J729-ND	20.32	15.24	12.87	415-0066-012
	18	J730-ND	19.67	14.76	12.47	415-0066-018
	24	J731-ND	22.21	16.66	14.07	415-0066-024
RG-316	6	J732-ND	22.56	16.92	14.29	415-0067-006
	12	J733-ND	23.28	17.46	14.75	415-0067-012
	18	J734-ND	23.74	17.81	15.04	415-0067-018
	24	J735-ND	24.60	18.46	15.59	415-0067-024
<b>MMCX Plug to SMA Bulkhead Jack</b>						
RG-178	6	J744-ND	21.05	15.79	13.33	415-0070-006
	12	J745-ND	22.00	16.50	13.94	415-0070-012
	18	J746-ND	23.08	17.32	14.62	415-0070-018
	24	J747-ND	24.03	18.03	15.23	415-0070-024
	36	J748-ND	26.48	19.86	16.77	415-0070-036
RG-316	6	J749-ND	21.69	16.28	13.75	415-0071-006
	12	J750-ND	22.35	16.77	14.16	415-0071-012
	18	J751-ND	22.98	17.24	14.56	415-0071-018
	24	J752-ND	23.81	17.86	15.08	415-0071-024
	36	J753-ND	25.61	19.21	16.22	415-0071-036
<b>SMA Plug to SMA Plug</b>						
RG-178	6	J3306-ND	13.97	10.48	8.85	415-0025-006
	12	J3312-ND	14.79	11.09	9.37	415-0025-012
	24	J3324-ND	16.43	12.33	10.41	415-0025-024
	36	J3336-ND	19.30	14.48	12.23	415-0025-036
RG-316	6	J3706-ND	11.75	8.81	7.44	415-0029-006
	12	J3712-ND	12.53	9.40	7.94	415-0029-012
	24	J3724-ND	12.33	9.25	7.81	415-0029-024
	36	J3736-ND	14.42	10.82	9.14	415-0029-036
RG-316DS	6	J4106-ND	11.75	8.81	7.44	415-0033-006
	12	J4112-ND	12.12	9.10	7.68	415-0033-012
	24	J4124-ND	13.64	10.23	8.64	415-0033-024
	36	J4136-ND	15.13	11.35	9.59	415-0033-036
RG-58	12	J4612-ND	13.45	10.09	8.52	415-0038-012
	24	J4624-ND	14.19	10.65	8.99	415-0038-024
	36	J4636-ND	14.93	11.21	9.46	415-0038-036
	RG-142	12	J5112-ND	16.81	12.61	10.65
24		J5124-ND	21.66	16.25	13.72	415-0043-024
36		J5136-ND	26.51	19.89	16.79	415-0043-036
Hand Formable .086	3	J822-ND	14.05	10.54	8.90	415-0081-003
	4	J823-ND	14.43	10.83	9.14	415-0081-004
	5	J824-ND	14.81	11.11	9.38	415-0081-005
	6	J825-ND	15.25	11.44	9.66	415-0081-006
	7	J826-ND	15.63	11.73	9.90	415-0081-007
	8	J827-ND	16.07	12.05	10.18	415-0081-008
	12	J828-ND	17.70	13.28	11.21	415-0081-012
	24	J830-ND	20.12	15.10	12.75	415-0081-018
Hand Formable .141	3	J831-ND	16.12	12.09	10.21	415-0082-003
	4	J832-ND	16.61	12.46	10.52	415-0082-004
	5	J833-ND	17.26	12.95	10.94	415-0082-005
	6	J834-ND	17.78	13.34	11.26	415-0082-006
	7	J835-ND	21.29	15.97	13.49	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	18.92	14.20	11.99	415-0082-008
	12	J837-ND	20.91	15.69	13.25	415-0082-012
	18	J838-ND	23.63	17.73	14.97	415-0082-018
	24	J839-ND	26.35	19.77	16.70	415-0082-024
<b>SMA Plug to SMA Bulkhead Jack</b>						
RG-316	6	J3906-ND	13.07	9.80	8.28	415-0031-006
	12	J3912-ND	13.83	10.38	8.77	415-0031-012
	24	J3924-ND	14.60	10.96	9.25	415-0031-024
	36	J3936-ND	15.59	11.70	9.88	415-0031-036
RG-316DS	6	J4306-ND	12.70	9.53	8.05	415-0035-006
	12	J4312-ND	13.45	10.09	8.52	415-0035-012
	24	J4324-ND	14.93	11.21	9.46	415-0035-024
	36	J4336-ND	16.06	12.05	10.17	415-0035-036
RG-58	12	J4812-ND	17.18	12.89	10.88	415-0040-012
	24	J4824-ND	17.92	13.45	11.36	415-0040-024
	36	J4836-ND	18.67	14.01	11.83	415-0040-036
<b>BNC Plug to BNC Plug</b>						
RG-58	12	J6212-ND	8.59	6.45	5.44	415-0054-012
	24	J6224-ND	9.34	7.01	5.92	415-0054-024
	36	J6236-ND	10.45	7.85	6.63	415-0054-036
Belden 8218	12	J6412-ND	8.59	6.45	5.44	415-0056-012
	24	J6424-ND	9.71	7.28	6.15	415-0056-024
	36	J6436-ND	10.45	7.85	6.63	415-0056-036
RG-59	12	J6512-ND	8.59	6.45	5.44	415-0057-012
	24	J6524-ND	9.71	7.28	6.15	415-0057-024
	36	J6536-ND	10.45	7.85	6.63	415-0057-036
<b>BNC 75Ω Plug to BNC 75Ω Plug</b>						
Belden 8218	12	J5512-ND	11.91	8.94	7.55	415-0047-012
RG-59	12	J5612-ND	12.32	9.25	7.81	415-0048-012
Belden 735A	24	J5924-ND	16.43	12.33	10.41	415-0051-024
	36	J5936-ND	19.42	14.57	12.30	415-0051-036
<b>N Plug to N Plug</b>						
RG-58	24	J6624-ND	13.07	9.81	8.28	415-0058-024
	36	J6636-ND	14.19	10.65	8.99	415-0058-036
	48	J989-ND	19.36	14.52	12.27	415-0058-048
RG-142	12	J6812-ND	16.43	12.33	10.41	415-0060-012
	24	J6824-ND	21.29	15.97	13.48	415-0060-024
	36	J6836-ND	26.14	19.61	16.56	415-0060-036
RG-8	12	J7012-ND	15.31	11.49	9.70	415-0062-012
	24	J7024-ND	18.67	14.01	11.83	415-0062-024
	36	J7036-ND	21.66	16.25	13.72	415-0062-036
<b>SMA Plug to N Plug</b>						
RG-58	12	J6712-ND	12.70	9.53	8.05	415-0059-012
	24	J6724-ND	13.82	10.37	8.75	415-0059-024
	36	J6736-ND	14.56	10.93	9.23	415-0059-036
RG-142	12	J6912-ND	16.43	12.33	10.41	415-0061-012
	24	J6924-ND	21.66	16.25	13.72	415-0061-024
	36	J6936-ND	26.14	19.61	16.56	415-0061-036
<b>SMA Plug to BNC Plug</b>						
RG-316	6	J3606-ND	11.88	8.91	7.53	415-0028-006
	12	J3612-ND	12.20	9.15	7.73	415-0028-012
	24	J3624-ND	12.92	9.70	8.19	415-0028-024
	36	J3636-ND	13.93	10.45	8.83	415-0028-036
RG-58	12	J4512-ND	10.03	7.52	6.35	415-0037-012
	36	J4524-ND	11.95	8.97	7.57	415-0037-024
RG-142	12	J4536-ND	12.70	9.53	8.05	415-0037-036
	24	J5012-ND	14.93	11.21	9.46	415-0042-012
	36	J5024-ND	19.42	14.57	12.30	415-0042-024
RG-316DS	12	J5036-ND	24.27	18.21	15.38	415-0042-036
	24	J791-ND	32.42	24.32	20.54	415-0078-012
	36	J792-ND	33.64	25.24	21.31	415-0078-024
RG-142	12	J793-ND	35.41	26.56	22.43	415-0078-036
	12	J794-ND	37.03	27.78	23.46	415-0079-012
	24	J795-ND	42.05	31.54	26.64	415-0079-024
36	J796-ND	46.23	34.68	29.28	415-0079-036	
<b>SMA Quick-Connect Plug to SMA Quick-Connect Plug</b>						
RG-316	6	J779-ND	52.14	39.11	33.03	415-0065-006
	12	J780-ND	52.95	39.72	33.54	415-0065-012
	18	J781-ND	53.63	40.23	33.97	415-0065-018
	24	J782-ND	54.31	40.74	34.40	415-0065-024
	36	J783-ND	55.67	41.76	35.26	415-0065-036
	48	J784-ND	57.03	42.77	36.12	415-0065-048
RG-316DS	12	J785-ND	51.55	38.67	32.65	415-0076-012
	24	J786-ND	52.90	39.68	33.51	415-0076-024
	36	J787-ND	54.53	40.90	3	



**Right Angle to Right Angle Cables**

**A**

Cable Type	Dimension L (Inch)	Digi-Key Part No.	Price Each			Johnson Part No.
			1	10	25	
<b>SMB Plug to SMB Plug</b>						
RG-178	6	J1006-ND	14.93	11.21	9.46	415-0001-006
	12	J1012-ND	15.68	11.77	9.94	415-0001-012
	24	J1024-ND	17.18	12.89	10.88	415-0001-024
	36	J1036-ND	18.67	14.01	11.83	415-0001-036
RG-316	6	J7306-ND	13.82	10.37	8.75	415-0004-006
	12	J7312-ND	14.19	10.65	8.99	415-0004-012
	24	J7324-ND	15.31	11.49	9.70	415-0004-024
	36	J7336-ND	16.43	12.33	10.41	415-0004-036
<b>MCX Plug to MCX Plug</b>						
RG-178	6	J2306-ND	12.32	9.25	7.81	415-0015-006
	12	J2312-ND	13.45	10.09	8.52	415-0015-012
	24	J2324-ND	14.56	10.93	9.23	415-0015-024
	36	J2336-ND	16.43	12.33	10.41	415-0015-036
RG-316	6	J2706-ND	13.15	9.86	8.33	415-0019-006
	12	J2712-ND	13.55	10.17	8.59	415-0019-012
	24	J2724-ND	14.79	11.09	9.37	415-0019-024
	36	J2736-ND	15.61	11.71	9.89	415-0019-036
RG-316DS	6	J2906-ND	13.15	9.86	8.33	415-0021-006
	12	J2912-ND	12.93	9.70	8.19	415-0021-012
	24	J2924-ND	15.20	11.40	9.63	415-0021-024
	36	J2936-ND	16.43	12.33	10.41	415-0021-036
<b>MMCX Plug to MMCX Plug</b>						
RG-178	6	J736-ND	25.37	19.04	16.08	415-0068-006
	12	J737-ND	26.48	19.86	16.77	415-0068-012
	18	J738-ND	27.43	20.57	17.38	415-0068-018
	24	J739-ND	28.38	21.29	17.98	415-0068-024
RG-316	6	J740-ND	23.76	17.83	15.05	415-0069-006
	12	J741-ND	24.44	18.33	15.48	415-0069-012
	18	J742-ND	25.12	18.84	15.91	415-0069-018
	24	J743-ND	25.80	19.35	16.34	415-0069-024
<b>SMA Plug to SMA Plug</b>						
RG-178	6	J3506-ND	17.55	13.17	11.12	415-0027-006
	12	J3512-ND	18.30	13.73	11.59	415-0027-012
	24	J3524-ND	20.16	15.13	12.78	415-0027-024
	36	J3536-ND	21.66	16.25	13.72	415-0027-036
RG-316	6	J4006-ND	14.56	10.93	9.23	415-0032-006
	12	J4012-ND	14.93	11.21	9.46	415-0032-012
	24	J4024-ND	16.06	12.05	10.17	415-0032-024
	36	J4036-ND	17.18	12.89	10.88	415-0032-036
RG-316DS	6	J4406-ND	16.43	12.33	10.41	415-0036-006
	12	J4412-ND	15.59	11.70	9.88	415-0036-012
	24	J4424-ND	18.07	13.56	11.45	415-0036-024
	36	J4436-ND	18.25	13.69	11.57	415-0036-036
RG-58	12	J4912-ND	15.21	11.41	9.64	415-0041-012
	24	J4924-ND	17.18	12.89	10.88	415-0041-024
	36	J4936-ND	17.92	13.45	11.36	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	
<b>SMB Plug to SMB Plug</b>						
RG-316	6	J1106-ND	13.45	10.09	8.52	415-0002-006
	12	J1112-ND	14.19	10.65	8.99	415-0002-012
	24	J1124-ND	14.93	11.21	9.46	415-0002-024
	36	J1136-ND	16.06	12.05	10.17	415-0002-036
RG-178	6	J1506-ND	16.43	12.33	10.41	415-0007-006
	12	J1512-ND	17.18	12.89	10.88	415-0007-012
	24	J1524-ND	19.04	14.29	12.06	415-0007-024
	36	J1536-ND	20.54	15.41	13.01	415-0007-036
<b>MCX Plug to MCX Plug</b>						
RG-316	6	J2506-ND	12.32	9.25	7.81	415-0017-006
	12	J2512-ND	12.73	9.55	8.07	415-0017-012
	24	J2524-ND	13.55	10.17	8.59	415-0017-024
	36	J2536-ND	14.79	11.09	9.37	415-0017-036
<b>SMA Plug to SMA Plug</b>						
RG-178	6	J3406-ND	15.91	11.93	10.08	415-0026-006
	12	J3412-ND	16.60	12.46	10.52	415-0026-012
	24	J3424-ND	18.14	13.61	11.50	415-0026-024
	36	J3436-ND	20.07	15.06	12.72	415-0026-036
RG-316	6	J3806-ND	13.07	9.81	8.28	415-0030-006
	12	J3812-ND	13.45	10.09	8.52	415-0030-012
	24	J3824-ND	14.14	10.61	8.96	415-0030-024
	36	J3836-ND	15.61	11.71	9.89	415-0030-036
RG-316DS	6	J4206-ND	13.07	9.81	8.28	415-0034-006
	12	J4212-ND	13.82	10.37	8.75	415-0034-012
	24	J4224-ND	14.93	11.21	9.46	415-0034-024
	36	J4236-ND	16.06	12.05	10.17	415-0034-036
RG-142	12	J5212-ND	18.30	13.73	11.59	415-0044-012
	24	J5224-ND	23.15	17.37	14.67	415-0044-024
	36	J5236-ND	28.00	21.01	17.74	415-0044-036
	<b>SMA Bulkhead Jack to MMCX Plug</b>					
RG-178	6	J754-ND	24.01	18.01	15.21	415-0072-006
	12	J755-ND	25.10	18.83	15.90	415-0072-012
	18	J756-ND	26.05	19.54	16.50	415-0072-018
	24	J757-ND	27.00	20.25	17.10	415-0072-024
	36	J758-ND	29.57	22.18	18.73	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	21.91	16.44	13.88	415-0073-006
	12	J760-ND	22.52	16.89	14.27	415-0073-012
	18	J761-ND	23.33	17.50	14.78	415-0073-018
	24	J762-ND	24.01	18.01	15.21	415-0073-024
	36	J763-ND	25.77	19.34	16.33	415-0073-036
<b>SMA Bulkhead Jack to SMA Plug</b>						
RG-316	6	J764-ND	20.21	15.16	12.81	415-0074-006
	12	J765-ND	20.89	15.67	13.24	415-0074-012
	24	J766-ND	22.25	16.69	14.10	415-0074-024
	36	J767-ND	24.15	18.12	15.30	415-0074-036
RG-316DS	6	J768-ND	25.50	19.13	16.16	415-0074-048
	12	J769-ND	20.71	15.54	13.12	415-0064-006
	24	J7212-ND	21.27	15.96	13.48	415-0064-012
	36	J7224-ND	22.56	16.93	14.30	415-0064-024
RG-142	6	J7236-ND	24.31	18.24	15.40	415-0064-036
	12	J773-ND	23.44	17.58	14.85	415-0064-048
	24	J774-ND	24.15	18.12	15.30	415-0075-006
	36	J775-ND	26.72	20.05	16.93	415-0075-012
RG-142	12	J776-ND	31.88	23.91	20.20	415-0075-024
	24	J777-ND	37.44	28.08	23.72	415-0075-036
	36	J778-ND	42.46	31.85	26.90	415-0075-048

**Adapters**

Dimensions in (mm)

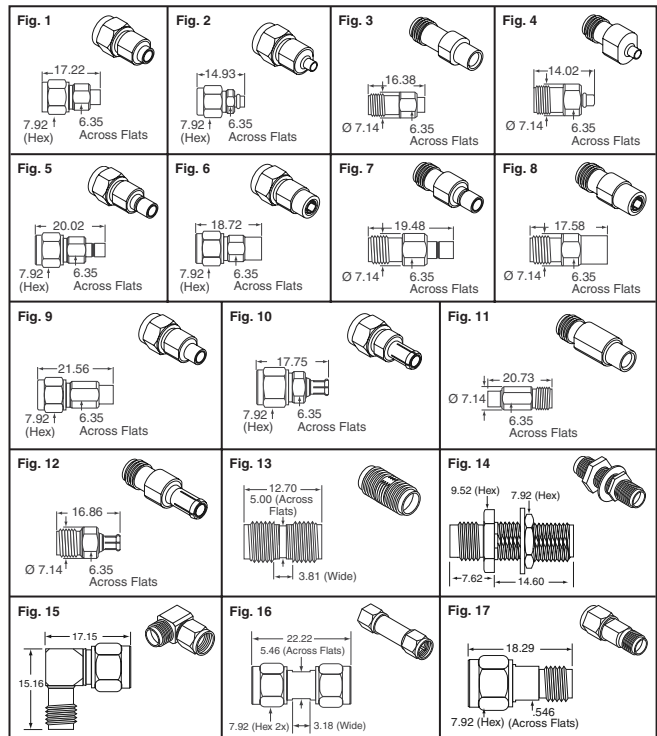


Fig.	Description	VSWR (GHz)	Frequency Range (GHz)	Digi-Key Part No.	Price Each 1	Johnson Part No.
1	SMA Plug to MMCX Jack	1.05 + .05f	0 - 6	J617-ND	28.75	134-1019-151
2	SMA Plug to MMCX Plug	1.05 + .05f	0 - 6	J618-ND	31.15	134-1019-161
3	SMA Jack to MMCX Jack	1.05 + .05f	0 - 6	J619-ND	26.35	134-1019-171
4	SMA Jack to MMCX Plug	1.05 + .05f	0 - 6	J620-ND	28.75	134-1019-181
5	SMA Plug to MCX Plug	1.05 + .01f	0 - 4	J621-ND	26.35	134-1012-011
6	SMA Plug to SMB Plug	1.05 + .01f	0 - 4	J622-ND	28.75	134-1012-021
7	SMA Jack to SMB Jack	1.05 + .01f	0 - 4	J623-ND	26.35	134-1012-031
8	SMA Jack to SMB Plug	1.05 + .01f	0 - 4	J624-ND	27.03	134-1012-041
9	SMA Plug to MCX Jack	1.03 + .03f	0 - 6	J625-ND	26.35	134-1018-001
10	SMA Plug to MCX Plug	1.03 + .03f	0 - 6	J626-ND	28.75	134-1018-011
11	SMA Jack to MCX Jack	1.03 + .03f	0 - 6	J627-ND	26.35	134-1018-021
12	SMA Jack to MCX Plug	1.03 + .03f	0 - 6	J628-ND	26.35	134-1018-031
13	SMA Jack to SMA Jack	1.05 + .005f	0 - 18	J655-ND	13.77	1208-142-0901-801
14	SMA Jack to SMA Bulkhead Jack	1.05 + .01f	0 - 18	J659-ND	19.66	17.25-142-0901-401
15	SMA Jack to SMA Plug / Rt. Angle	1.035 + .02f	0 - 18	J632-ND	17.82	15.63-142-0901-941
16	SMA Plug to SMA Plug	1.05 + .01f	0 - 18	J633-ND	15.88	13.93-142-0901-811
17	SMA Plug to SMA Jack	1.05 + .005f	0 - 18	J656-ND	10.35	9.08-142-0901-821

Note: All Adapters are Gold plated.

**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**

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**

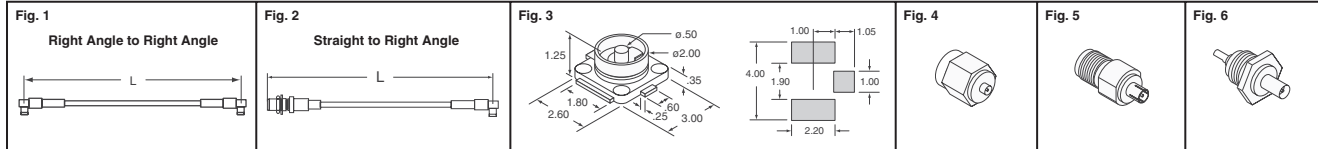


Fig.	Coaxial Cable ø (mm)	Plug Mated Height (mm)	Dimension L (mm)	Digi-Key Part No.	Price Each	1	50	100	Johnson Part No.
<b>Right Angle to Right Angle Cables</b>									
<b>Low Profile UMC Right Angle Cable Plug to UMC Right Angle Cable Plug</b>									
1	.081	2.0	50	J918-ND	2.60	2.31	1.83	415-0084-050	
			100	J919-ND	2.72	2.42	1.92	415-0084-100	
			150	J920-ND	2.89	2.57	2.04	415-0084-150	
			200	J921-ND	2.99	2.66	2.11	415-0084-200	
			250	J922-ND	3.09	2.75	2.18	415-0084-250	
			300	J923-ND	3.24	2.88	2.28	415-0084-300	
<b>Medium Profile UMC Right Angle Cable Plug to UMC Right Angle Cable Plug</b>									
1	.081	2.5	50	J925-ND	2.60	2.31	1.83	415-0085-050	
			100	J926-ND	2.72	2.42	1.92	415-0085-100	
			150	J927-ND	2.89	2.57	2.04	415-0085-150	
			200	J928-ND	2.99	2.66	2.11	415-0085-200	
			250	J929-ND	3.09	2.75	2.18	415-0085-250	
			300	J930-ND	3.24	2.88	2.28	415-0085-300	
1	1.13	2.5	50	J932-ND	2.60	2.31	1.83	415-0086-050	
			100	J933-ND	2.72	2.42	1.92	415-0086-100	
			150	J934-ND	2.89	2.57	2.04	415-0086-150	
			200	J935-ND	2.99	2.66	2.11	415-0086-200	
			250	J936-ND	3.09	2.75	2.18	415-0086-250	
			300	J937-ND	3.24	2.88	2.28	415-0086-300	
1	1.32	2.5	50	J939-ND	2.60	2.31	1.83	415-0087-050	
			100	J940-ND	2.72	2.42	1.92	415-0087-100	
			150	J941-ND	2.89	2.57	2.04	415-0087-150	
			200	J942-ND	2.99	2.66	2.11	415-0087-200	
			250	J943-ND	3.09	2.75	2.18	415-0087-250	
			300	J944-ND	3.24	2.88	2.28	415-0087-300	
1	1.37	2.5	50	J946-ND	2.60	2.31	1.83	415-0088-050	
			100	J947-ND	2.72	2.42	1.92	415-0088-100	
			150	J948-ND	2.89	2.57	2.04	415-0088-150	
			200	J949-ND	2.99	2.66	2.11	415-0088-200	
			250	J950-ND	3.09	2.75	2.18	415-0088-250	
			300	J951-ND	3.24	2.88	2.28	415-0088-300	
<b>Low Profile UMC Right Angle Cable Plug to MMCX Right Angle Crimp Plug</b>									
1	.81	2.0	150	J977-ND	11.04	9.81	7.77	415-0101-150	
			250	J978-ND	11.19	9.96	7.88	415-0101-250	
<b>Medium Profile UMC Right Angle Cable Plug to MMCX Right Angle Crimp Plug</b>									
1	.81	2.5	150	J979-ND	11.04	9.81	7.77	415-0102-150	
			250	J980-ND	11.19	9.96	7.88	415-0102-250	
			150	J981-ND	10.76	9.57	7.58	415-0103-150	
<b>Right Angle to Straight Cables</b>									
<b>Low Profile UMC Right Angle Cable Plug to SMA Straight Crimp Plug</b>									
2	.81	2.0	150	J953-ND	12.95	11.52	9.12	415-0089-150	
			250	J954-ND	13.20	11.74	9.29	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.
<b>Medium Profile UMC Right Angle Cable Plug to SMA Straight Crimp Plug</b>									
2	.81	2.5	150	J955-ND	12.95	11.52	9.12	415-0090-150	
			250	J956-ND	13.20	11.74	9.29	415-0090-250	
	1.37	2.5	150	J957-ND	12.84	11.42	9.04	415-0091-150	
			250	J958-ND	13.01	11.57	9.16	415-0091-250	
<b>Low Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Plug</b>									
2	.81	2.0	150	J959-ND	12.38	11.01	8.71	415-0092-150	
			250	J960-ND	12.60	11.20	8.87	415-0092-250	
<b>Medium Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Plug</b>									
2	.81	2.5	150	J961-ND	12.38	11.01	8.71	415-0093-150	
			250	J962-ND	12.60	11.20	8.87	415-0093-250	
	1.37	2.5	150	J963-ND	11.04	9.81	7.77	415-0094-150	
			250	J964-ND	11.47	10.20	8.08	415-0094-250	
<b>Low Profile UMC Right Angle Cable Plug to SMA Straight Crimp Bulkhead Jack</b>									
2	.81	2.0	150	J965-ND	11.47	10.20	8.08	415-0095-150	
			250	J966-ND	11.64	10.35	8.19	415-0095-250	
<b>Medium Profile UMC Right Angle Cable Plug to SMA Straight Crimp Bulkhead Jack</b>									
2	.81	2.5	150	J967-ND	11.47	10.20	8.08	415-0096-150	
			250	J968-ND	11.64	10.35	8.19	415-0096-250	
	1.37	2.5	150	J969-ND	12.52	11.13	8.81	415-0097-150	
			250	J970-ND	11.47	10.20	8.08	415-0097-250	
<b>Low Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Bulkhead Jack</b>									
2	.81	2.0	150	J971-ND	12.29	10.93	8.66	415-0098-150	
			250	J972-ND	12.46	11.08	8.77	415-0098-250	
<b>Medium Profile UMC Right Angle Cable Plug to RP-SMA Straight Crimp Bulkhead Jack</b>									
2	.81	2.5	150	J973-ND	12.29	10.93	8.66	415-0099-150	
			250	J974-ND	12.46	11.08	8.77	415-0099-250	
	1.37	2.5	150	J975-ND	12.13	10.79	8.54	415-0100-150	
			250	J976-ND	12.24	10.88	8.62	415-0100-250	
<b>Low Profile UMC Right Angle Cable Plug to Bare End</b>									
—	.81	2.5	150	J10034-ND	1.82	1.62	1.28	415-0104-150	
			250	J10035-ND	2.03	1.81	1.44	415-0104-250	
<b>Medium Profile UMC Right Angle Cable Plug to Bare End</b>									
—	.81	2.5	150	J10036-ND	1.82	1.62	1.28	415-0105-150	
			250	J10037-ND	2.03	1.81	1.44	415-0105-250	
—	1.13	2.5	150	J10038-ND	1.82	1.62	1.28	415-0106-150	
			250	J10039-ND	2.03	1.81	1.44	415-0106-250	
—	1.32	2.5	150	J10040-ND	1.82	1.62	1.28	415-0107-150	
			250	J10041-ND	2.03	1.81	1.44	415-0107-250	
—	1.37	2.5	150	J10042-ND	1.82	1.62	1.28	415-0108-150	
			250	J10043-ND	2.03	1.81	1.44	415-0108-250	
<b>Connectors and Accessories</b>									
<b>UMC PCB Jack Receptacle - Surface Mount</b>									
3	Straight Jack Receptacle			J983CT-ND	.75	.47	.34	128-0711-201	
				J983TR-ND	842.16/2,500			128-0711-201	
<b>SMA Conversion Adapters</b>									
4	SMA Plug to UMC Jack			J985-ND	98.01	87.12	68.97	134-1019-361	
5	SMA Jack to UMC Plug			J986-ND	98.01	87.12	68.97	134-1019-371	
6	SMA Adapter for Surface Mount Jack			J987-ND	102.91	91.48	72.42	134-1019-381	
<b>Tool</b>									
—	UMC Separation Key			J984-ND	2.74	2.44	1.94	128-0000-901	

## 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.
<b>F Connectors</b>							
1	RG-59, Blue	J10044-ND	7.09	5.16	4.64	25-2502-10PB	
	RG-6, Black	J10045-ND	7.09	5.16	4.64	25-2601-10PB	
	Gold Series, RG-59, Blue	J10056-ND	8.07	5.87	5.28	25-2502G-10PB	
<b>BNC Connectors</b>							
2	75Ω, RG-59, Blue	J10046-ND	27.60	20.07	18.06	28-2502-10PB	
	75Ω, RG-6, Black	J10047-ND	27.60	20.07	18.06	28-2601-10PB	
<b>RCA Connectors</b>							
3	RG-59, 2 per Color	J10048-ND†	19.54	14.22	12.80	19-2500-10PB	
	RG-59, Red	J10049-ND	19.54	14.22	12.80	19-2504-10PB	

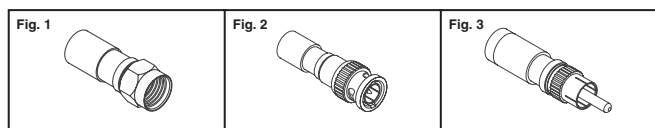


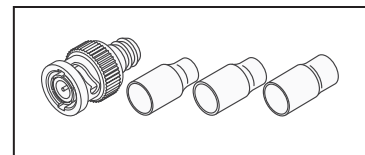
Fig.	Description	Digi-Key Part No.	Price Each	1	50	100	Emerson Part No.
3	RG-59, Yellow	J10050-ND	19.54	14.22	12.80	19-2505-10PB	
	RG-59, White	J10051-ND	19.54	14.22	12.80	19-2506-10PB	
	RG-6, 2 per Color	J10052-ND†	19.54	14.22	12.80	19-2600-10PB	
	RG-6, Red	J10053-ND	19.54	14.22	12.80	19-2604-10PB	
	RG-6, Yellow	J10054-ND	19.54	14.22	12.80	19-2605-10PB	
	RG-6, White	J10055-ND	19.54	14.22	12.80	19-2606-10PB	
<b>Tool</b>							
—	Adjustable 3-Way Ratchet Crimp Tool	J10057-ND	30.46	—	—	—	24-7714P

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

## Multi-Ferrule BNC Connector

These commercial grade, 2-piece BNC connectors are designed for use on flexible 500Ω 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	1.92	1.40	1.26	27-9213	



**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**

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(UK091) 429



**RF Connectors and Adapters**

**A**

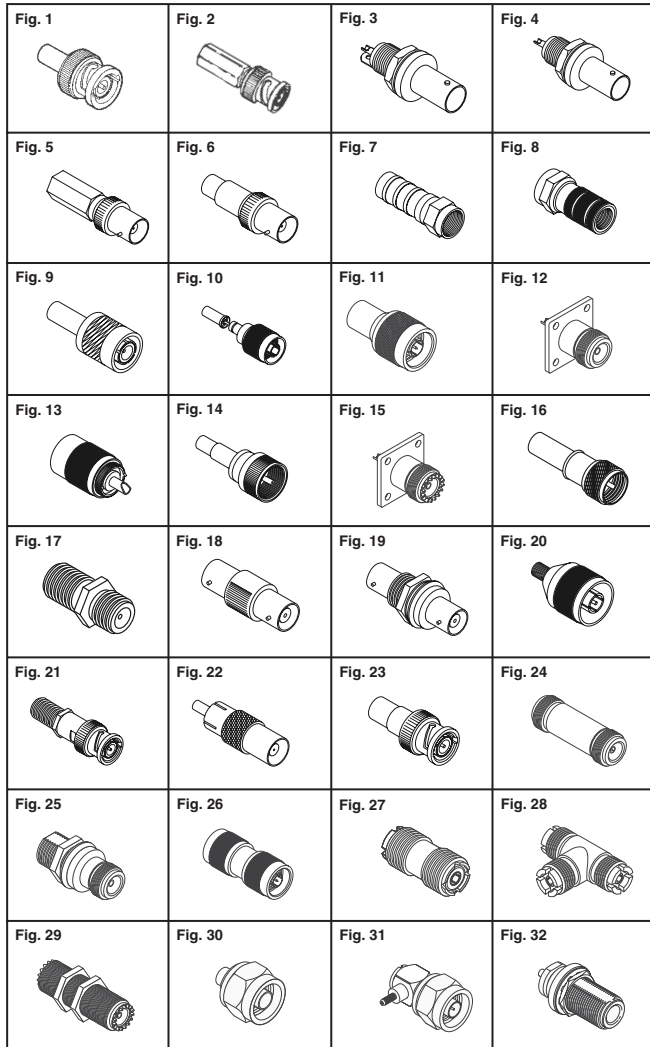


Fig.	Type	Description	Cable Group RG/U	Digi-Key Part No.	Price Each	Emerson Part No.
<b>Connectors</b>						
<b>True 75 Ohm BNC</b>						
1	Plug	Crimp-Type, Solder or Crimp Contact, 75Ω	RG-6, Belden 8215 RG-179, 187, Belden 1520A	367-1069-ND 367-1072-ND	4.33 3.94 3.16 4.68 4.25 3.40	CPMC-68-5 CPMC-68-20
<b>BNC</b>						
1	Plug	Crimp-Type Push-On, 50Ω	RG-58	367-1001-ND	1.50 1.37 1.09	CP-88-1
			RG-59, 62	367-1002-ND	1.44 1.31 1.05	CP-88-2
			RG-6	367-1004-ND	1.54 1.40 1.12	CP-88-5
			RG-179, 187	367-1043-ND	1.89 1.73 1.38	CPM-88-20
1	Plug	Crimp-Type, Solder or Crimp Contact, 50Ω	RG-174, 188, 316	367-1044-ND	1.89 1.73 1.38	CPM-88-19
			RG-58, 141	367-1047-ND	1.89 1.73 1.38	CPMC-88-1
			RG-59, 62	367-1048-ND	1.89 1.73 1.38	CPMC-88-2
			RG-142, 223, 400, 55	367-1052-ND	1.89 1.73 1.38	CPMC-88-13
1	Plug	Crimp-Type, Solder or Crimp Contact, 75Ω	Belden 8218	367-1053-ND	1.89 1.73 1.38	CPMC-88-18
			RG-59, 62	367-1045-ND	1.89 1.73 1.38	CPMC-78-2
2	Plug	Twist-On, Field Installable, 50Ω	Belden 8218	367-1046-ND	1.89 1.73 1.38	CPMC-78-18
			RG-58	367-1030-ND	1.44 1.31 1.05	CPFI-UG88-1
2	Plug	Twist-On, Field Installable, 50Ω	RG-59, 62	367-1031-ND	1.42 1.29 1.04	CPFI-UG88-2
			RG-6	367-1034-ND	1.36 1.24 .99	CPFI-UG88-5
3	Jack	Front-Mnt. Bulkhead Jack with Solder Tab, 50Ω	—	367-1019-ND	2.20 2.00 1.60	CP-1094-AST
4	Jack	Front-Mnt. Bulkhead Jack without Solder Lug, 50Ω	—	367-1020-ND	2.20 2.00 1.60	CP-1094-U
5	Jack	Straight Twist-On Jack, 50 Ohm	RG-59, 62	367-1036-ND	1.84 1.67 1.34	CPFI-UG89-2
6	Jack	Crimp-Type Jack, Push-On Body, 50Ω	RG-59, 62	367-1007-ND	1.50 1.37 1.09	CP-89-2

Fig.	Type	Description	Cable Group RG/U	Digi-Key Part No.	Price Each	Emerson Part No.
<b>Type F</b>						
7	Plug	Crimp-Type Plug	RG-6	367-1022-ND	.32 .30 .24	CPF-56-ALM
			RG-6 Quad Shield	367-1023-ND	.36 .33 .27	CPF-56-ALS
			RG-59	367-1025-ND	.32 .30 .24	CPF-59-ALM
8	Plug	Twist-On Plug (no Crimp)	RG-6	367-1027-ND	.34 .31 .25	CPFI-56
<b>TNC</b>						
9	Plug	Crimp-Type Plug Solder or Crimp	RG-58, 141	367-1056-ND	1.89 1.73 1.38	CPMC-TNC-13
			RG-142, 223, 400, 55	367-1057-ND	1.89 1.73 1.38	CPMC-TNC-13
			RG-8X (MINI 8)	367-1058-ND	1.89 1.73 1.38	CPMC-TNC-17
<b>Type N</b>						
10	Plug	Crimp-Type Plug	RG-58	367-1059-ND	3.91 3.56 2.85	CPN-1
			RG-142, TFE	367-1060-ND	3.91 3.56 2.85	CPN-142T
			RG-8, 213	367-1061-ND	3.91 3.56 2.85	CPN-8
			RG-8, 213	367-1062-ND	3.91 3.56 2.85	CPN-8/110
			Proflex RG-450	367-1063-ND	3.91 3.56 2.85	CPN-16
			RG-8X (MINI 8)	367-1066-ND	3.91 3.56 2.85	CPN-17
11	Plug	Crimp-Type Plug	RG-8, 213	367-1079-ND	5.73 5.21 4.17	CPN-68-8
			RG-58, Belden 9907	367-1080-ND	4.33 3.94 3.16	CPN-68-1
12	Jack	Flange Mount Jack	—	367-1081-ND	2.68 2.44 1.95	CPAD801
<b>UHF</b>						
13	Plug	Solder-Type, Standard	RG-8, 213	367-1010-ND	2.76 2.51 2.01	CP-AD-250
			RG-58	367-1037-ND	2.34 2.13 1.70	CPL-259-1
14	Plug	Crimp-Type, Crimp Contact	RG-59, 62	367-1038-ND	2.34 2.13 1.70	CPL-259-2
			RG-59, TFE	367-1040-ND	1.13 1.02 .82	CPL-259-10
15	Jack	4-Hole Flange Mount Jack	—	367-1082-ND	1.34 1.22 .98	CP-AD206
<b>Mini-UHF</b>						
16	Plug	Crimp-Type, Solder or Crimp Contact	RG-58	367-1064-ND	1.24 1.13 .91	MINI-UHF-1
			RG-8X (MINI 8)	367-1066-ND	1.24 1.13 .91	MINI-UHF-17

Fig.	Description	Digi-Key Part No.	Price Each	Emerson Part No.
<b>Adapters</b>				
<b>F In-Series</b>				
17	Jack to Jack Adapter, 3/4" In-line Splice	367-1026-ND	.28 .26 .21	CPF-81
<b>BNC</b>				
18	Jack to Jack Adapter	367-1015-ND	1.12 1.02 .82	CP-AD-555
19	Bulkhead Jack to Jack Adapter with Lock Washer	367-1016-ND	3.81 3.47 2.78	CP-AD-556M
<b>Between Series</b>				
20	N Plug to SMA Jack	367-1017-ND	5.01 4.56 3.65	29-3840
21	BNC Plug to F Jack	367-1014-ND	1.80 1.64 1.31	CP-AD-516
22	BNC Jack to RCA Plug	367-1012-ND	1.28 1.17 .93	CP-AD-501
23	BNC 50 Ohm Plug to RCA Jack	367-1013-ND	.98 .89 .72	CP-AD-515
<b>Type N</b>				
24	Jack to Jack Adapter	367-1087-ND	3.48 3.16 2.53	CP-AD850
25	Jack to Bulkhead Jack Adapter	367-1088-ND	3.48 3.16 2.53	CP-AD851
26	Plug to Plug Adapter	367-1089-ND	4.77 4.34 3.48	CP-AD800
<b>UHF</b>				
27	Jack to Jack Adapter	367-1083-ND	1.94 1.77 1.41	CP-AD204
28	Jack to Jack to Jack T Adapter	367-1084-ND	6.63 6.03 4.83	CP-AD210
29	Bulkhead Jack to Bulkhead Jack Adapter	367-1090-ND	4.45 4.05 3.24	CP-AD207

Fig.	Type	Description	Cable Group RG/U	Digi-Key Part No.	Price Each	Johnson Part No.
<b>11 GHz, MIL-PRF-39012, Connectors</b>						
<b>Type N</b>						
30	Plug	Straight Crimp	RG-58/U, 141, 303	J841-ND	11.09 9.73 8.36	138-4407-007
			RG-213, 8/U	J842-ND	12.27 10.76 9.25	138-4416-007
			RG-214, 9/U	J843-ND	12.04 10.56 9.08	138-4418-007
			RG-142, 55/U, 223, 400	J844-ND	11.09 9.73 8.36	138-4408-007
			RG-316, 161/U, 174, 188	J845-ND	14.16 12.42 10.68	138-4403-007
			RG-316 DS, 188 DS	J846-ND	14.63 12.83 11.03	138-4404-007
			LMR-400, Belden 9913	J847-ND	11.80 10.35 8.90	138-4449-007
			RG-401, 250 Semi-Rigid	J854-ND	12.13 10.64 9.15	138-4696-001
			RG-402, 141 Semi-Rigid	J855-ND	11.94 10.47 9.01	138-4694-001
			RG-405, .086 Semi-Rigid	J856-ND	11.94 10.47 9.01	138-4693-001
30	Plug	Straight Solder	RG-401, 250 Semi-Rigid	J857-ND	11.99 10.52 9.04	138-4696-011
			RG-402, 141 Semi-Rigid	J858-ND	15.81 13.87 11.92	138-4694-011
			RG-405, .086 Semi-Rigid	J859-ND	12.60 11.05 9.50	138-4693-011
			RG-58/U, 141, 303	J848-ND	18.64 16.35 14.06	138-4407-107
31	Plug	Right-Angle Crimp	RG-213, 8/U	J849-ND	15.57 13.66 11.74	138-4416-107
			RG-214, 9/U	J850-ND	15.57 13.66 11.74	138-4418-107
			RG-142, 55/U, 223, 400	J851-ND	18.64 16.35 14.06	138-4408-107
			RG-316, 161/U, 174, 188	J852-ND	17.93 15.73 13.52	138-4403-107
31	Jack	Straight Crimp	RG-316 DS, 188 DS	J853-ND	18.40 16.14 13.88	138-4404-107
			RG-58/U, 141, 303	J860-ND	14.59 12.79 11.00	138-4307-407
			RG-214, 9/U	J862-ND	14.63 12.83 11.03	138-4318-407
			RG-142, 55/U, 223, 400	J863-ND	14.59 12.79 11.00	138-4308-407
32	Jack	Straight Solder	RB-316, 161/U, 174, 188	J864-ND	18.64 16.35 14.06	138-4303-407
			RG-316 DS, 188 DS	J865-ND	18.64 16.35 14.06	138-4304-407
			LMR-400, Belden 9913	J866-ND	14.77 12.96 11.14	138-4349-407
			RG-405, .086 Semi-Rigid	J869-ND	16.28 14.28 12.28	138-4593-401

Fig.	Description	Digi-Key Part No.	Price Each	Johnson Part No.
<b>18 GHz, MIL-PRF-39012, Adapters</b>				
<b>Type N</b>				
24	Jack to Jack Adapter	J870-ND	24.35 21.36 18.36	138-4901-807
25	Jack to Bulkhead Jack Adapter	J871-ND	28.08 24.63 21.17	138-4901-407
26	Plug to Plug Adapter	J872-ND	30.39 26.65 22.91	138-4901-817

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