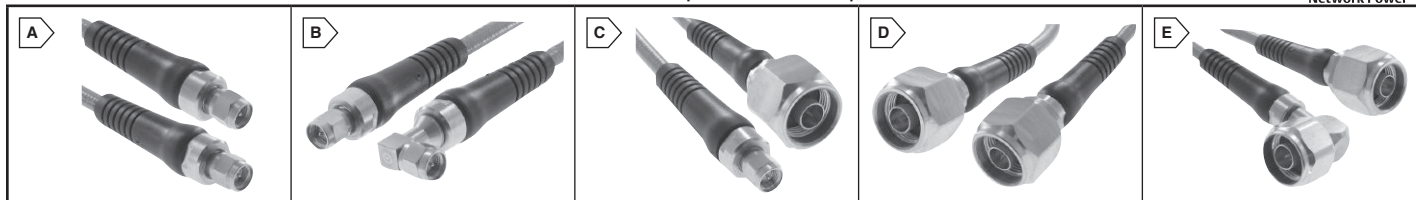


# RF Cable Assemblies

RoHS Compliant This product is RoHS compliant.



## Semflex SEMFLEX RF CABLE ASSEMBLIES

Connectivity Solutions

**Features:**

- Precision stainless steel connectors
- FEP outer jacket; optional stainless steel armored jacketing available
- Triple shielded for >90 dB leakage at 18 GHz
- Low loss PTFE tape dielectric
- Molded strain relief boots



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Semflex Part No.	Fig.	Length (in.)	Price Each	
				1	5
<b>SMA Straight Plug to N Straight Plug</b>					
530-2151-DKF-0012	2151-DKF-0012	C	12	167.76	149.69
530-2151-DKF-0024	2151-DKF-0024	C	24	181.21	161.69
530-2151-DKF-0036	2151-DKF-0036	C	36	194.66	173.69
530-2151-DKF-0048	2151-DKF-0048	C	48	208.10	185.69
<b>N Straight Plug to N STRAIGHT PLUG</b>					
530-5151-DKF-0012	5151-DKF-0012	D	12	175.36	156.48
530-5151-DKF-0018	5151-DKF-0018	D	18	182.09	162.48
530-5151-DKF-0024	5151-DKF-0024	D	24	188.81	168.48
530-5151-DKF-0036	5151-DKF-0036	D	36	202.26	180.48
530-5151-DKF-0048	5151-DKF-0048	D	48	215.71	192.48
<b>N Straight Plug to N Right Angle Plug</b>					
530-5152-DKF-0012	5152-DKF-0012	E	12	193.66	172.80
530-5152-DKF-0024	5152-DKF-0024	E	24	207.10	184.80
530-5152-DKF-0036	5152-DKF-0036	E	36	220.55	196.80
530-5152-DKF-0048	5152-DKF-0048	E	48	234.00	208.80

## Johnson FIXED LENGTH FLEXIBLE RF CABLE ASSEMBLIES

Connectivity Solutions

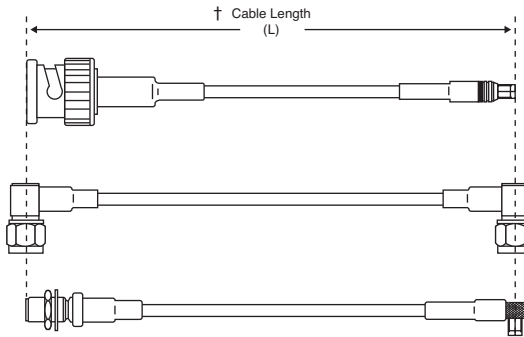
**Connector Materials:**

- SMA, SMB, MCX: Brass Body with Gold Plating, Captivated Contacts, PTFE Insulators
- Type N: Brass Body with Nickel plating, Teflon Insulators
- Electrical ratings of a cable assembly are determined by the limiting connector type and cable size
- Custom assemblies available. Contact your Mouser sales representative

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Cable Type	Length (L): in. (mm)	Price Each			
				1	10	25	100
<b>Hand Formable SMA Straight Plug to SMA Straight Plug- 50Ω- 26.5GHz</b>							
530-415-0081-004	415-0081-004	.086	4 (101.6)	35.31	31.78	28.60	25.50
530-415-0081-005	415-0081-005	.086	5 (127)	36.08	32.48	29.22	26.05
530-415-0081-006	415-0081-006	.086	6 (152.4)	40.40	36.55	32.90	29.34
530-415-0081-007	415-0081-007	.086	7 (177.8)	37.59	33.82	30.49	27.14
530-415-0081-012	415-0081-012	.086	12 (304.8)	35.83	33.07	30.70	28.66
530-415-0081-024	415-0081-024	.086	24 (609.6)	50.42	45.38	40.85	36.43
530-415-0082-008	415-0082-008	.141	8 (203.2)	36.01	33.29	30.90	27.11
<b>SMA Straight Plug to SMA Straight Plug - 50Ω - 12.4GHz</b>							
530-415-0025-006	415-0025-006	RG-178	6 (152.4)	15.88	12.92	11.87	10.02
530-415-0025-012	415-0025-012	RG-178	12 (304.8)	15.08	13.68	12.55	10.72
530-415-0025-018	415-0025-018	RG-178	18 (457.2)	18.63	16.26	14.64	13.66
530-415-0025-024	415-0025-024	RG-178	24 (609.6)	18.67	15.20	13.96	11.78
530-415-0025-036	415-0025-036	RG-178	36 (914.4)	20.93	17.45	16.10	13.96
530-415-0029-006	415-0029-006	RG-316	6 (152.4)	11.15	9.07	8.33	7.03
530-415-0029-012	415-0029-012	RG-316	12 (304.8)	11.00	10.04	9.20	7.91
530-415-0029-024	415-0029-024	RG-316	24 (609.6)	11.23	10.25	9.37	8.00
530-415-0029-036	415-0029-036	RG-316	36 (914.4)	14.89	12.12	11.13	9.41
530-415-0033-006	415-0033-006	RG-316 DS	6 (152.4)	12.48	10.14	9.33	8.31
530-415-0033-012	415-0033-012	RG-316 DS	12 (304.8)	12.40	10.88	9.63	8.13
530-415-0033-024	415-0033-024	RG-316 DS	24 (609.6)	14.50	11.80	10.83	9.15
530-415-0033-036	415-0033-036	RG-316 DS	36 (914.4)	13.42	10.93	10.04	8.47
530-415-0038-012	415-0038-012	RG-58	12 (304.8)	14.49	11.79	10.82	9.14
530-415-0038-024	415-0038-024	RG-58	24 (609.6)	15.30	12.47	11.44	9.66
530-415-0038-036	415-0038-036	RG-58	36 (914.4)	16.09	13.11	12.04	10.16
530-415-0043-012	415-0043-012	RG-142	12 (304.8)	17.37	14.13	12.99	11.40
530-415-0043-024	415-0043-024	RG-142	24 (609.6)	23.76	19.33	17.76	15.59
530-415-0043-036	415-0043-036	RG-142	36 (914.4)	24.67	21.79	20.11	17.91
<b>SMA Straight Plug to SMA Straight Bulkhead Jack - 50Ω - 12.4GHz</b>							
530-415-0031-006	415-0031-006	RG-316	6 (152.4)	13.87	11.29	10.36	8.75
530-415-0031-012	415-0031-012	RG-316	12 (304.8)	13.63	12.40	11.35	9.67
530-415-0031-018	415-0031-018	RG-316	18 (457.2)	14.89	12.12	11.42	11.00
530-415-0031-024	415-0031-024	RG-316	24 (609.6)	15.44	12.60	11.53	11.16
530-415-0031-036	415-0031-036	RG-316	36 (914.4)	17.73	14.44	13.26	11.20
530-415-0035-006	415-0035-006	RG-316 DS	6 (152.4)	15.78	12.84	11.79	10.33
530-415-0035-012	415-0035-012	RG-316 DS	12 (304.8)	11.81	10.97	10.23	9.59
530-415-0035-024	415-0035-024	RG-316 DS	24 (609.6)	13.09	12.15	11.34	10.63
<b>SMA Straight Plug to SMA Right Angle Plug - 50Ω - 12.4GHz</b>							
530-415-0034-006	415-0034-006	RG-316 DS	6 (152.4)	17.37	14.14	12.98	10.96
530-415-0034-012	415-0034-012	RG-316 DS	12 (304.8)	19.57	17.24	15.95	13.68
530-415-0034-024	415-0034-024	RG-316 DS	24 (609.6)	20.49	16.68	15.32	12.94
530-415-0034-036	415-0034-036	RG-316 DS	36 (914.4)	19.71	16.04	14.73	12.93
<b>SMA Right Angle Plug to SMA Right Angle Plug - 50Ω - 12.4GHz</b>							
530-415-0032-006	415-0032-006	RG-316	6 (152.4)	30.58	24.87	22.86	19.30
530-415-0032-012	415-0032-012	RG-316	12 (304.8)	31.05	25.27	23.20	19.60
530-415-0032-024	415-0032-024	RG-316	24 (609.6)	29.96	24.38	22.39	18.91
530-415-0032-036	415-0032-036	RG-316	36 (914.4)	30.24	26.84	23.76	21.34

† Cable length applies to the end of straight connectors. The length is applied to the vertical centroid of right angle connectors.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Cable Type	Length (L): in. (mm)	Price Each			
				1	10	25	100
<b>SMA Straight Plug to Type N Straight Plug - 50Ω - 11.0GHz</b>							
530-415-0059-024	415-0059-024	RG-58	24 (609.6)	12.20	9.93	9.11	8.80
530-415-0059-036	415-0059-036	RG-58	36 (914.4)	15.25	12.44	11.17	10.03
<b>SMA Straight Plug to BNC Straight Plug - 50Ω - 4.0GHz</b>							
530-415-0028-006	415-0028-006	RG-316	6 (152.4)	11.28	9.18	8.73	8.40
530-415-0028-012	415-0028-012	RG-316	12 (304.8)	12.20	9.93	9.11	7.70
530-415-0028-024	415-0028-024	RG-316	24 (609.6)	12.48	10.15	9.32	8.38
<b>SMA Straight Plug to BNC Straight Plug - 50Ω - 4.0GHz (cont.)</b>							
530-415-0028-036	415-0028-036	RG-316	36 (914.4)	13.77	12.21	11.10	8.98
530-415-0028-048	415-0028-048	RG-316	48 (1219.2)	12.40	10.62	10.09	9.72
530-415-0037-012	415-0037-012	RG-58	12 (304.8)	11.62	9.45	8.68	7.33
530-415-0037-024	415-0037-024	RG-58	24 (609.6)	12.87	10.48	9.61	8.12
530-415-0037-036	415-0037-036	RG-58	36 (914.4)	13.05	11.14	10.23	8.88
<b>MCX Straight Plug to MCX Bulkhead Jack - 50Ω - 6.0GHz</b>							
530-415-0016-012	415-0016-012	RG-316	12 (304.8)	20.86	19.36	18.08	16.95
<b>MCX Right Angle to MCX Right Angle Plug - 50Ω - 6.0GHz</b>							
530-415-0015-006	415-0015-006	RG-178	6 (152.4)	13.27	11.22	10.27	9.73
530-415-0021-012	415-0021-012	RG-316 DS	12 (304.8)	21.08	19.56	18.26	17.12
<b>SMB Straight Plug to SMB Straight Plug - 50Ω - 4.0GHz</b>							
530-415-0003-006	415-0003-006	RG-316	6 (152.4)	19.69	16.13	12.74	12.41
530-415-0003-012	415-0003-012	RG-316	12 (304.8)	20.88	17.14	13.80	12.98
530-415-0003-024	415-0003-024	RG-316	24 (609.6)	22.47	18.49	15.28	13.73
530-415-0003-036	415-0003-036	RG-316	36 (914.4)	23.96	19.72	16.36	14.61
<b>SMB Right Angle Plug to SMB Right Angle Plug - 50Ω - 4.0GHz</b>							
530-415-0004-006	415-0004-006	RG-316	6 (152.4)	19.55	16.04	14.13	12.07
530-415-0004-012	415-0004-012	RG-316	12 (304.8)	19.30	15.77	13.88	12.37
530-415-0004-024	415-0004-024	RG-316	24 (609.6)	20.12	16.49	14.54	12.66
530-415-0004-036	415-0004-036	RG-316	36 (914.4)	20.34	16.70	14.74	12.63
<b>Type N Straight Plug to Type N Straight Plug - 50Ω - 11.0GHz</b>							
530-415-0058-024	415-0058-024	RG-58	24 (609.6)	9.96	8.69	6.31	5.26
530-415-0058-036	415-0058-036	RG-58	36 (914.4)	14.30	12.07	10.76	9.99
530-415-0060-036	415-0060-036	RG-142	36 (914.4)	42.32	34.45	31.64	27.77
530-415-0062-060	415-0062-060	RG-8	60 (1524)	51.32	41.78	38.35	33.66