

JOHNSON COMPONENTS RF Connectors

RoHS Compliant This product is RoHS compliant.

Johnson
Connectivity Solutions

EMERSON
Network Power

SMA CABLE CONNECTORS

- Impedance: 50Ω
- Body: Brass
- Contact Plating: Gold
- Insulator: PTFE Fluorocarbon
- Temperature Range: -65°C to +165°C
- Durability: 500 Cycles minimum
- Frequency Range: 0-12.4GHz for Flexible Cable Types
- 0-26.5GHz for Semi-Rigid Cable Types
- 0-28GHz for Plugs with Semi-Rigid cable and Captivated Solderless Contact;
- 0-25GHz for Jacks with Semi-Rigid cable and Captivated Solderless Contact

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Body Plating	Description / Cable Type	Price Each			
					1	10	25	100
Straight Plugs - Semi-Rigid Cable								
530-142-0693-001	142-0693-001	A	Gold	.086 with Contact, Captive Nut	5.07	4.45	3.84	3.28
530-142-0693-006	142-0693-006	A	Nickel	.086 with Contact, Captive Nut	4.85	4.24	3.64	3.13
530-142-0694-001	142-0694-001	A	Gold	.141 with Contact, Captive Nut	8.01	7.09	5.67	5.26
530-142-0694-006	142-0694-006	A	Nickel	.141 with Contact, Captive Nut	8.61	8.00	7.46	6.99
Straight Plugs - Semi-Rigid Cable - Captivated Solderless Contact								
530-142-0693-061	142-0693-061	B	Gold	.086 with Captive Nut, 1 Piece Body	10.78	9.95	9.24	8.63
Right Angle Plugs - Semi-Rigid Cable								
530-142-0693-101	142-0693-101	C	Gold	.086 with Contact, 1 Piece Body	13.00	11.50	9.66	8.97
530-142-0694-101	142-0694-101	C	Gold	.141 with Contact, 1 Piece Body	15.07	13.33	10.66	9.88
Straight Plugs - Flexible Cable - Captivated Contact								
530-142-0402-011	142-0402-011	D	Gold	178/U, 196	5.93	5.25	4.20	3.90
530-142-0403-011	142-0403-011	D	Gold	161/U, 174, 188, 316, LMR-100	4.60	4.12	3.66	3.10
530-142-0404-011	142-0404-011	D	Gold	188 DS, 316 DS	7.07	6.44	5.84	5.51
530-142-0407-011	142-0407-011	D	Gold	58/U, 141, 303, LMR-195	7.97	7.05	5.64	5.24
530-142-0408-011	142-0408-011	D	Gold	55/U, 142, 223, 400	8.91	7.88	6.30	5.86
Right Angle Plugs - Flexible Cable - Captivated Contacts								
530-142-0402-101	142-0402-101	E	Gold	178/U, 196	12.78	11.31	9.05	8.41
530-142-0403-101	142-0403-101	E	Gold	161/U, 174, 188, 316, LMR-100	6.36	5.79	5.21	4.47
530-142-0403-106	142-0403-106	E	Gold	161/U, 174, 188, 316, LMR-100	8.16	7.38	7.01	6.72
530-142-0435-101	142-0435-101	E	Gold	LMR-240, RF-195	14.28	13.26	12.37	11.60
530-142-0203-101	142-0203-101	E	Gold	161/U, 174, 188, 316, LMR-100	13.92	12.31	9.85	9.14
530-142-0404-101	142-0404-101	E	Gold	188 DS, 316 DS	10.97	9.83	8.91	8.14
530-142-0408-101	142-0408-101	E	Gold	55/U, 142, 223, 400	7.87	7.31	6.82	6.40
Jacks								
530-142-0593-001	142-0593-001	F	Gold	Straight Semi-Rigid Cable .086	5.42	5.04	4.47	4.15
530-142-0594-001	142-0594-001	F	Gold	Straight Semi-Rigid Cable .141	7.25	6.41	5.13	4.76
530-142-0593-401	142-0593-401	G	Gold	Straight Semi-Rigid Cable .086 Rear Mount Bulkhead	9.62	8.70	7.94	7.50
530-142-0594-401	142-0594-401	G	Gold	Straight Semi-Rigid Cable .141 Rear Mount Bulkhead	8.44	7.46	5.97	5.54
530-142-0303-011	142-0303-011	H	Gold	Straight Flex Cable 161/U, 174, 188, 316, LMR-100	7.93	7.11	6.59	6.14
530-142-0302-431	142-0302-431	I	Gold	Straight Flex Cable 178/U, 196 - Bulkhead	14.15	12.52	10.01	9.30
530-142-0303-411	142-0303-411	I	Gold	Straight Flex Cable 161/U, 174, 188, 316 - Bulkhead	8.82	7.90	7.29	6.20

SMA CONNECTOR TOOLING

Crimp Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description / Cable Type	Price Each	
				1	5
530-140-0000-952	140-0000-952	J	Economy Hand Crimp Tool (Frame Only)	101.55	91.13
530-140-0000-951	140-0000-951	---	Die for (RG 178,316/DS,58,142,735A,LMR-100,195,200)	123.31	110.66

Semi-Rigid Assembly Tools

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description / Cable Type	Price Each			
				1	10	25	100
530-140-0000-982	140-0000-982	--	Soldering Mating Fixture for SMA Plugs	3.48	3.18	2.93	2.71
530-140-0000-973	140-0000-973	--	Soldering Mating Fixture for SMA Jacks	5.72	5.24	4.84	4.49

SMK (2.92MM) 40 GHZ CONNECTORS

- Connector Mating: per MIL-STD-348
- Impedance: 50Ω
- Connector Body: Stainless Steel
- Temperature Range: -65°C to 165°C
- Frequency Range: 0-40GHz
- Contacts: Gold Plated
- Durability: 500 Cycles Minimum

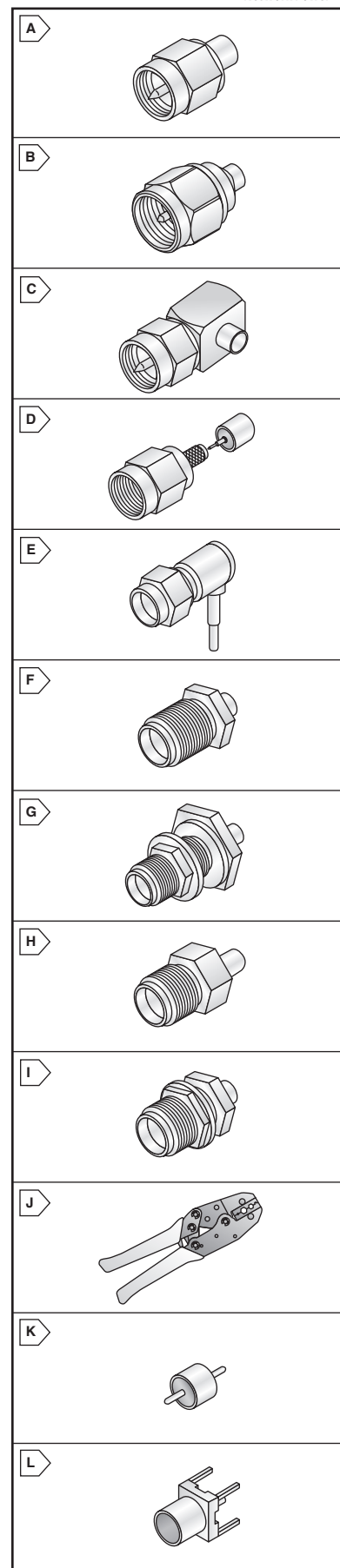
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description / Cable Type	Price Each			
				1	10	25	100
Straight Plugs for Semi-Rigid							
530-145-0693-001	145-0693-001	K	.086 Semi-Rigid, with Contact, Slide-On Nut; Gold	25.86	22.77	19.96	18.47
530-145-0693-002	145-0693-002	K	.086 Semi-Rigid, with Contact, Slide-On Nut; Passivated	12.25	10.52	10.13	8.88
530-145-0694-002	145-0694-002	K	.141 Semi-Rigid, with Contact, Slide-On Nut; Passivated	9.83	9.18	8.05	7.45
Receptacles							
530-142-1000-033	142-1000-033	L	Hermetic Seal Feed-Thru; Gold	8.86	8.23	7.68	7.19

SMK SEMI-RIGID ASSEMBLY TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Johnson Components Part No.	Fig.	Description / Cable Type	Price Each	
				1	5
530-140-0000-957	140-0000-957	--	SMK Bead Assembly Tool, Semi-Rigid Plugs, All Cables	48.60	42.12
530-140-0000-959	140-0000-959	--	SMK Body Soldering Tool, .141" Plug	15.55	14.34
530-140-0000-961	140-0000-961	--	SMK Contact Soldering Tool, .141" Plug	15.07	13.87
530-140-0000-968	140-0000-968	--	SMK Vise Stop (2.92 mm)	15.07	13.87
530-140-0000-962	140-0000-962	--	Soldering Vise (Requires Inserts and Stop Screw)	559.31	524.36
530-140-0000-965	140-0000-965	--	Semi-Rigid Cable Clamp Insert for .141" Cable	96.54	90.50



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