

AMPHENOL Hi-Rel and Standard RF Connectors Amphenol®

ROHS Compliant This product is RoHS compliant.



ARC RUGGEDIZED CONNECTORS

- Features:**
- Fully tested to IP67 Specifications in Mated and Unmated conditions
 - Standard and Reverse Polarity TNC
 - LMR 200 and LMR 400 cable sizes

TNC Connectors

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Cable Type	Price Each		
					1	10	25
Plugs							
523-31-6499	31-6499	A	Straight Plug	LMR-200	23.20	21.09	19.33
523-31-6502	31-6502	A	Straight Reversed Polarity Plug	LMR-200	23.20	21.09	19.33
523-31-6501	31-6501	B	Right Angle Plug	LMR-200	27.60	25.09	23.00
523-31-6504	31-6504	B	Right Angle Reversed Polarity Plug	LMR-200	27.60	25.09	23.00
Jacks							
523-31-6505	31-6505	C	Straight Jack	LMR-200	23.20	21.09	19.33
523-31-6506	31-6506	C	Straight Reversed Polarity Jack	LMR-200	23.20	21.09	19.33

Type N Connectors

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Cable Type	Price Each
523-82-6489	82-6489	D	Right Angle Straight Plug	LMR-400	36.00 32.73 30.00
523-82-6517	82-6517	E	Straight Jack	LMR-400	23.20 21.09 19.33

SMA CONNECTORS AND ADAPTERS

- Features:**
- Frequency Range: dc to 18GHz
 - Insulation Resistance: 500 megaohms
 - Durability: 500 cycles minimum
 - Environmental standards per MIL-STD-202
 - Impedance: 50Ω
- Applications:**
- Military
 - Aerospace
 - Satellite
 - Industrial
 - Telecommunications

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	10	25
Jacks						
523-2950-6061	2950-6061	F	4-Hole Flange Mount, Panel, AU Plating	11.28	10.02	9.02
523-SF2950-6061	SF2950-6061	F	4-Hole Flange Mount, Panel	8.28	7.35	6.62
523-SF2950-6062	SF2950-6062	G	2-Hole Flange Mount with Solder Cup	8.93	7.93	7.15
Plugs						
523-SF2902-6001	SF2902-6001	H	.141 S.R. Cable Straight, Solder	4.92	4.37	3.93
523-2906-6002	2906-6002	I	Right Angle, Solder for RG-178	8.83	7.84	7.06
523-M39012/55-3007	M39012/55-3007	J	Straight Cable	42.05	37.38	33.64
654-M39012/55-3009	M39012/55-3009	K	Right Angle, Crimp for RG-317	23.20	20.62	18.56
523-M39012/55-3026	M39012/55-3026	L	Right Angle, Solder for RG-317	27.28	24.24	21.82
523-M39012/56-3007	M39012/56-3007	M	Right Angle, Solder for RG-316	24.66	21.92	19.73
523-M39012/56-3026	M39012/56-3026	N	Lockwire Holes, Solder for .086"	17.00	15.11	13.60
523-M39012/56-3028	M39012/56-3028	N	Right Angle, Crimp for RG-142/400/233U	24.03	21.36	19.22
523-M39012/79B3001	M39012/79B3001	O	Straight, Crimp	22.49	19.99	17.99
523-M55339/28-30001	M55339/28-30001	P	Lockwire Holes Straight for RG-316	51.71	45.97	41.37
SMA in Series Adapters						
523-M55339/31-30001	M55339/31-30001	Q	SMA Jack to SMA Jack	34.15	30.36	27.32
523-2990-6002	2990-6002	R	SMA Jack to SMA Jack, Bulkhead	58.30	51.82	46.64
523-2990-6005	2990-6005	S	SMA Jack to SMA Jack, Bulkhead	21.53	19.14	17.22
523-SF2991-6002	SF2991-6002	T	SMA Jack to SMA Jack, Bulkhead, Hermetic	39.23	34.87	31.38
523-SF2991-6007	SF2991-6007	U	SMA Jack to SMA Jack, 4-Hole Flange	43.53	38.69	34.82
523-SF2993-6001	SF2993-6001	V	SMA Plug to SMA Plug	21.03	18.69	16.82
523-2994-6001	2994-6001	W	SMA Jack to SMA Plug Right Angle, AU Plating	27.90	24.80	22.32
523-SF2994-6001	SF2994-6001	W	SMA Jack to SMA Plug Right Angle	27.10	24.08	21.67
523-SF2997-6003	SF2997-6003	X	SMA Jack to SMA Plug	24.50	21.78	19.60
523-M39012/56-3006	M39012/56-3006	Y	SMA Jack to SMA Jack, Bulkhead, Hermetic	32.90	29.24	26.32

TERMINATORS

- Features:**
- Nominal Impedance: 50 Ohms
 - Connector interfaces are in accordance with MIL-PRF-39102
 - Terminations in accordance with MIL-DTL-39030
 - Environmental standards per MIL-STD-202

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Freq. (GHz)	Price Each		
					1	10	25
523-SF8018-6005	SF8018-6005	Z	SMA Plug, 1 Watt, Passivated Stainless Steel	DC-18	23.72	21.08	18.97
523-8018-6005	8018-6005	Z	SMA Plug, AU Plating, 1 Watt	DC-18	21.80	19.38	17.44
523-8018-6174	8018-6174	AA	SMA Plug, AU Plating, 1 Watt, with Beaded Chain	DC-18	38.80	34.48	31.04
523-M39012/25-0021	M39012/25-0021	BB	TNC Plug Cap with Chain	DC-11	36.73	32.64	29.38

BNC ADAPTERS AND ACCESSORIES

- Features:**
- Bayonet coupling mechanism provides quick mating and unmating
 - 50Ω and 75Ω impedance designs allow customers to match impedance to system requirements
 - 50Ω and 75Ω connectors are intermateable to ensure non-destructive mating
- Specifications:**
- Frequency Range: 0-4GHz
 - Insulators: TFE
 - Crimps: Hex Braid
 - Temperature Range: -65°C to 165°C (TFE Insulators)

MOUSER STOCK NO.	Mfr. Mfr. Part No.	Fig.	Imp.	MIL Type	Description	Price Each		
						1	10	25
Adapters								
523-31-218	CC	50	UG-491A/U	UG-491A/U	Plug to Plug	10.17	8.59	7.97
523-31-219	DD	50	UG-914/U	UG-914/U	Jack to Jack	5.72	5.20	4.35
523-31-70019	DD	75	-----	-----	Jack to Jack	5.75	5.05	4.61
523-31-9	EE	50	UG-306/U	UG-306/U	Right Angle Jack to Plug	14.71	12.31	11.15
523-31-209	EE	50	UG-306A/U	UG-306A/U	Right Angle Jack to Plug	17.03	13.30	10.81
523-31-220H	FF	50	UG-492A/U	UG-492A/U	Sealed Bulkhead Jack to Jack	8.28	7.52	6.34
523-31-220N	FF	50	-----	-----	Bulkhead Jack to Jack	7.02	6.52	5.60
523-31-220N-75	FF	75	-----	-----	Bulkhead Jack to Jack	13.30	12.22	11.66
523-31-3220	FF	50	UG-4920/U	UG-4920/U	Bulkhead Jack to Jack	13.16	11.96	9.89
523-31-4803	FF	50	-----	-----	Bulkhead Jack to Jack	11.56	9.54	8.18
523-31-4803-75	FF	75	-----	-----	Bulkhead Jack to Jack	12.00	11.04	10.03
523-31-208	GG	50	UG-274A/U	UG-274A/U	TEE-Jack-Plug-Jack	12.89	10.17	8.06
Accessories								
523-35650-75	HH	75	-----	-----	Cap-Resistor Terminated with Chain	16.14	15.06	12.75
523-46650-51	HH	75	-----	-----	Cap-Resistor Terminated without Chain	15.38	13.32	11.92
523-31-6	II	75	CW-123/U	CW-123/U	Male Cap and Chain	4.55	3.60	3.29
523-31-17	II	75	CW-159/U	CW-159/U	Male Shorting Cap and Chain	10.07	6.60	4.60
523-31-759	JJ	75	IBM-2245373	IBM-2245373	Shield, Grounding Lug	.72	.58	.55

