

AT SERIES™

Amphenol's AT Series™ connectors were designed as a high-performance, cost-effective solution to be used within the Heavy Equipment, Agricultural, Automotive, Military, Alternative Energy, and other demanding interconnect architectures. All of the AT Series® connectors have been developed to be completely compatible with all other existing standard products industry-wide.

Features:

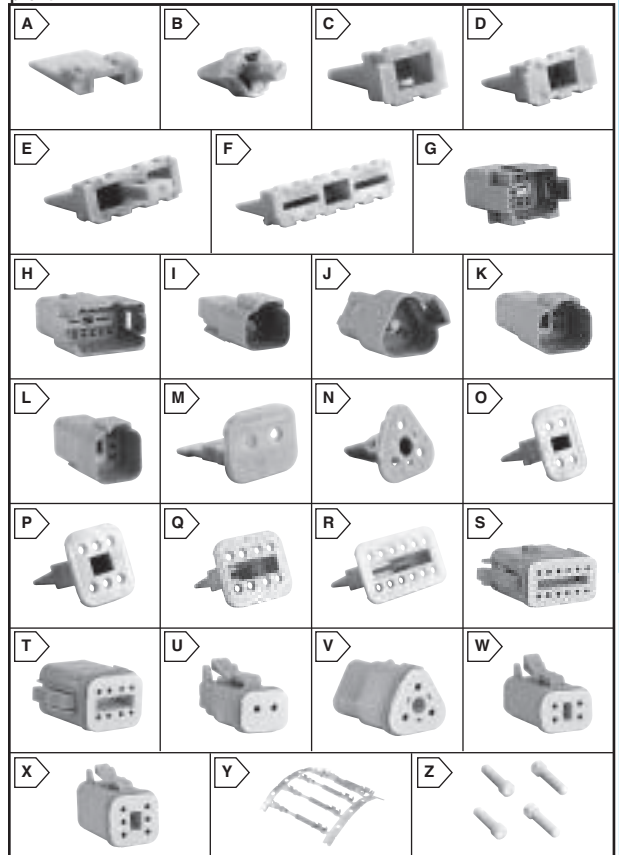
- Housings are a thermoplastic material that is durable and has excellent UV resistance, dielectric/mechanical properties sealing system is comprised of a front and rear silicone, multi-sealing, perimeter against environmental ingress



RoHS Compliant

For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each			
				1	100	500	1000
Receptacles							
654-AW2P	AW2P	A	2 Pin Receptacle Wedge	.12	.10	.09	.08
654-AW3P	AW3P	B	3 Pin Receptacle Wedge	.10	.09	.085	.08
654-AW4P	AW4P	C	4 Pin Receptacle Wedge	.15	.14	.13	.12
654-AW6P	AW6P	D	6 Pin Receptacle Wedge	.28	.23	.20	.18
654-AW8P	AW8P	E	8 Pin Receptacle Wedge	.36	.30	.26	.23
654-AW12P	AW12P	F	12 Pin Receptacle Wedge	.36	.30	.26	.23
654-AT04-08PA	AT04-08PA	G	8 Pin Receptacle Key Position A	2.92	2.43	2.09	1.83
654-AT04-12PA	AT04-12PA	H	12 Pin Receptacle Key Position A	4.04	3.37	2.89	2.53
654-AT04-2P	AT04-2P	I	2 Pin Receptacle	.64	.53	.46	.40
654-AT04-3P	AT04-3P	J	3 Pin Receptacle	.82	.78	.75	.68
654-AT04-4P	AT04-4P	K	4 Pin Receptacle	1.12	1.08	1.03	.90
654-AT04-6P	AT04-6P	L	6 Pin Receptacle	2.20	1.83	1.57	1.38
Plugs							
654-AW2S	AW2S	M	2 Pin Plug Wedge	.16	.13	.11	.10
654-AW3S	AW3S	N	3 Pin Plug Wedge	.16	.13	.11	.10
654-AW4S	AW4S	O	4 Pin Plug Wedge	.28	.23	.20	.18
654-AW6S	AW6S	P	6 Pin Plug Wedge	.32	.27	.23	.20
654-AW8S	AW8S	Q	8 Pin Plug Wedge	.36	.30	.26	.23
654-AW12S	AW12S	R	12 Pin Plug Wedge	.36	.30	.26	.23
654-AT06-08SA	AT06-08SA	S	8 Pin Plug Key Position A	4.00	3.33	2.86	2.50
654-AT06-12SA	AT06-12SA	T	12 Pin Plug Key Position A	4.80	4.00	3.43	3.00
654-AT06-2S	AT06-2S	U	2 Pin Plug	.84	.70	.60	.53
654-AT06-3S	AT06-3S	V	3 Pin Plug	1.20	1.00	.86	.75
654-AT06-4S	AT06-4S	W	4 Pin Plug	1.56	1.30	1.11	.98
654-AT06-6S	AT06-6S	X	6 Pin Plug	2.28	1.90	1.63	1.43
Contacts and Seal							
654-AT60-16-0122	AT60-16-0122	Y	Male, Stamped & Formed 16-18 AWG, Nickel	.15	.132	.12	.11
654-AT60-14-0122	AT60-14-0122	Y	Male, Stamped & Formed 14-16 AWG, Nickel	.20	.17	.14	.13
654-AT60-220-1231	AT60-220-1231	Y	Male, Machined 12-14 AWG, Gold	1.12	.93	.80	.70
654-AT62-16-0122	AT62-16-0122	Y	Female, Stamped & Formed 16-18 AWG, Nickel	.44	.37	.31	.28
654-AT62-14-0122	AT62-14-0122	Y	Female, Stamped & Formed 14-16 AWG, Nickel	.44	.37	.31	.28
654-AT62-210-1231	AT62-210-1231	Y	Female, Machined 12-14 AWG, Gold	1.32	1.10	.94	.83
654-A114017	A114017	Z	Blank Seal 16 AWG	.08	.079	.075	.07



MINIBOSS™ AND DEVICENET™ PATCHCORDS AND CORDSETS (M12)

Amphenol's streamlined and scalable Factory Automation IP68 rated patchcords and cordsets are for use in conveyors, sorting, automated storage/retrieval, packaging, overhead transport, palletizing, etc. The system allows for cost-effective power and signal distribution, utilizing UL STOOW/CSA Type ST cable, as well as High Flex TPE jacketed UL Listed TC-ER cable. DeviceNet™ cables are available to cover many different demands in the field, utilizing UL Type CL2 or PLTC and CSA AWM III A/B FT4 cable, as well as Flex and High Flex cable options.

For quantities of 100 and up, call for quote.



RoHS Compliant

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
Mini-Boss Receptacles						
654-MN31PW02M010	MN31PW02M010	A	3 Pin Male US/NEC Color Code, 1 M	9.40	8.46	7.69
654-MN31PW02M030	MN31PW02M030	A	3 Pin Male US/NEC Color Code, 3 M	13.04	11.74	10.67
654-MN32PW02M010	MN32PW02M010	B	3 Pin Female, External Threads, US/NEC Color Code, 1 M	10.36	9.32	8.47
654-MN32PW02M030	MN32PW02M030	B	3 Pin Female, External Threads, US/NEC Color Code, 3 M	13.98	12.58	11.44
654-MN34PW02M010	MN34PW02M010	B	3 Pin Female, Internal Threads, US/NEC Color Code, 1 M	12.11	10.90	9.91
654-MN34PW02M030	MN34PW02M030	B	3 Pin Female, Internal Threads, US/NEC Color Code, 3 M	15.49	13.94	12.67
654-MN41PW02M010	MN41PW02M010	C	4 Pin Male US/NEC Color Code, 1 M	10.56	9.50	8.64
654-MN41PW02M030	MN41PW02M030	C	4 Pin Male US/NEC Color Code, 3 M	15.22	13.70	12.45
654-MN42PW02M010	MN42PW02M010	D	4 Pin Female, External Threads, US/NEC Color Code, 1 M	11.80	10.62	9.65
654-MN42PW02M030	MN42PW02M030	D	4 Pin Female, External Threads, US/NEC Color Code, 3 M	16.40	14.76	13.42
654-MN44PW02M010	MN44PW02M010	D	4 Pin Female, Internal Threads, US/NEC Color Code, 1 M	13.69	12.32	11.20
654-MN44PW02M030	MN44PW02M030	D	4 Pin Female, Internal Threads, US/NEC Color Code, 3 M	18.20	16.38	14.89
654-MN51PW02M010	MN51PW02M010	E	5 Pin Male US/NEC Color Code, 1 M	11.69	10.52	9.56
654-MN51PW02M030	MN51PW02M030	E	5 Pin Male US/NEC Color Code, 3 M	17.40	15.66	14.24
654-MN52PW02M010	MN52PW02M010	F	5 Pin Female, External Threads, US/NEC Color Code, 1 M	13.36	12.02	10.93
654-MN52PW02M030	MN52PW02M030	F	5 Pin Female, External Threads, US/NEC Color Code, 3 M	19.00	17.10	15.55
654-MN54PW02M010	MN54PW02M010	F	5 Pin Female, Internal Threads, US/NEC Color Code, 1 M	14.71	13.24	12.04
654-MN54PW02M030	MN54PW02M030	F	5 Pin Female, Internal Threads, US/NEC Color Code, 3 M	20.33	18.30	16.64
DeviceNet Receptacles						
654-MN54PD01M010	MN54PD01M010	G	Thick, 5 Pin Female, 1 M	17.64	15.88	14.44
654-MN51PD01M010	MN51PD01M010	H	Thick, 5 Pin Male, 1 M	16.91	15.22	13.84
654-MN51PD02M010	MN51PD02M010	H	Thin Drop, 5 Pin Male, 1 M	19.13	17.22	15.65
Mini-Boss Plugs						
654-MN33A4AC01M010	MN33A4AC01M010	I	3 Pin Straight Male/Straight Female STOOW, 16 AWG, 1 M	18.02	16.22	14.75
654-MN33A4AC01M030	MN33A4AC01M030	I	3 Pin Straight Male/Straight Female STOOW, 16 AWG, 3 M	23.64	21.28	19.35
654-MN33A4AC01M060	MN33A4AC01M060	I	3 Pin Straight Male/Straight Female STOOW, 16 AWG, 6 M	32.73	29.46	26.78
654-MN43A4AC01M010	MN43A4AC01M010	J	4 Pin Straight Male/Straight Female STOOW, 16 AWG, 1 M	19.42	17.48	15.89
654-MN43A4AC01M030	MN43A4AC01M030	J	4 Pin Straight Male/Straight Female STOOW, 16 AWG, 3 M	25.04	22.54	20.49
654-MN43A4AC01M060	MN43A4AC01M060	J	4 Pin Straight Male/Straight Female STOOW, 16 AWG, 6 M	34.16	30.74	27.95
654-MN53A4AC01M010	MN53A4AC01M010	K	5 Pin Straight Male/Straight Female STOOW, 16 AWG, 1 M	22.53	20.28	18.44
654-MN53A4AC01M030	MN53A4AC01M030	K	5 Pin Straight Male/Straight Female STOOW, 16 AWG, 3 M	31.38	28.24	25.67
654-MN53A4AC01M060	MN53A4AC01M060	K	5 Pin Straight Male/Straight Female STOOW, 16 AWG, 6 M	45.33	40.80	37.09
DeviceNet Plugs						
654-MN57A4AD01M010	MN57A4AD01M010	L	Thick 5 Pin In-Line Male/Female, 1 M	29.38	26.44	24.04
654-MN57A4AD01M030	MN57A4AD01M030	L	Thick 5 Pin In-Line Male/Female, 3 M	39.78	35.80	32.55
654-MN57A4AD01M060	MN57A4AD01M060	L	Thick 5 Pin In-Line Male/Female, 6 M	53.80	48.42	44.02
654-MN57A4AD02M010	MN57A4AD02M010	L	Thin 5 Pin In-Line Male/Female, 1 M	27.29	24.56	22.33
654-MN57A4AD02M030	MN57A4AD02M030	L	Thin 5 Pin In-Line Male/Female, 3 M	34.98	31.48	28.62
654-MN57A4AD02M060	MN57A4AD02M060	L	Thin 5 Pin In-Line Male/Female, 6 M	44.07	39.66	36.05
Accessories						
654-P29309	P29309	O	Mini Boss Tee 3 Pin	19.42	17.48	15.89
654-P29310	P29310	O	Mini Boss Tee 4 Pin	21.47	19.32	17.56
654-P29311	P29311	O	Mini Boss Tee 5 Pin	24.29	21.86	19.87
654-P29312	P29312	M	5 Pin, DeviceNet, Tee	29.29	26.36	23.96
654-P29319	P29319	N	5 Pin, DeviceNet, Terminator, Male	10.42	9.38	8.53
654-P29329	P29329	O	5 Pin, DeviceNet, Intrusive Tee	25.51	22.96	20.87

