



BELDEN INDUSTRIALTUFF® CONTROLBUS® LOW-LOSS COAX CABLES



ControlNet™ is a high-speed, serial communication system that provides for a time-critical exchange of information between complex control devices such as programmable logic controllers, HMI's, and PC-based controllers. ControlNet™ operates in a totally deterministic and predictable manner, allowing the various devices and controllers on the network to communicate at a precise and pre-determined point in time.

Duobond® IV Quad Shield

500' Spools

1000' Spools

Belden Part No.	Fig.	NEC Type	AWG (Stranded)	Nominal O.D. (in.)	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
3092A	A	CL2R, CMR	18 (Solid)	.298	566-3092A-500	342.44	566-3092A-1000-10	663.33
3092F	A	CL2R, CMR	20 (105 x 40)	.303	-----	-----	566-3092F-1000-10	900.16
Plenum								
3093A	A	CMP	18 (Solid)	.274	-----	-----	566-3093A-1000-10	1762.16
Aluminum Interlocked Armor								
123092A	B	CM	18 (Solid)	.298	-----	-----	566-123092A-1000-10	1772.75

BELDEN DEVICEBUS® CABLES FOR DEVICENET™ APPLICATIONS



DeviceNet™ is an ODVA device-level communication protocol for industrial automation. A DeviceNet™ network is an open, low cost system link between industrial devices such as sensors and actuators and higher-level devices such as programmable logic controllers and PCs. Other benefits are: offers a boost in overall systems performance, Gives users the ability to use diagnostics device-level diagnostics and eliminates the expense associated with hardwiring and traditional "homerun" cabling practices.

500' Spools

1000' Spools

Belden Part No.	Fig.	NEC Type	AWG (Stranded)	Nominal O.D. (in.)	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
600V Class 1 Thick								
7897A	C	TC-ER	15 (19x28), 18 (19x30)	.460	566-7897A-500	1829.49	566-7897A-1000	3764.30
600V Class 1 ODVA Cable V								
7896A	C	TC-ER	16 (19x29), 18 (19x30)	.525	566-7896A-500	1031.35	566-7896A-1000	1961.25
300V Class 2 Thin								
3084A	C	CL2, CMG	22 (19x34), 24 (19x36)	.280	566-3084A-500	494.04	566-3084A-1000	1047.83
3084F	C	CL2, CMG	22 (154x44), 24 (105x44)	.275	566-3084F-500	650.08	566-3084F-1000	1300.16
3085A	C	CL2, CMG	22 (19x34), 24 (19x36)	.280	566-3085A-500	638.12	566-3085A-1000	1209.50
300V Class 2 ODVA Cable III								
7895A	C	CMG, PLTC	18 (19x30), 20 (19x32)	.378	566-7895A-500	747.46	566-7895A-1000	1494.93
300V Class 2 Thick								
3082A	C	CMG, PLTC	15 (19x28), 18 (19x30)	.480	566-3082A-500	1088.77	566-3082A-1000	1969.24
3082F	C	CMG, PLTC	15 (65x33), 18 (65x36)	.480	566-3082F-500	1214.16	566-3082F-1000	2428.33
3083A	C	CMG, PLTC	15 (19x28), 18 (19x30)	.475	-----	-----	566-3083A-1000	2898.66
600V Class 1 ODVA Cable IV								
7900A	D	TC-ER	16 (19x29), 18 (19x30)	.430	566-7900A-500	515.28	566-7900A-1000	1030.56

BELDEN VFD (VARIABLE FREQUENCY DRIVE) CABLE



These VFD cables are designed specifically for AC motor drives. This new series of 1000V UL flexible motor supply cable/UL 1277 600V TC/1000V CSA shielded tray cable-with open wiring approval-provides higher reliability, lower cost and easier installation than metal clad cables or lead wire in conduit. They are subject to a harsh operating environment characterized by high voltage spikes, high noise levels and adverse environmental conditions.

500' Spools

1000' Spools

Belden Part No.	Fig.	No. of Conductors	AWG (Stranded)	Nominal O.D. (in.)	MOUSER STOCK NO.	Price Per 500' Spool	MOUSER STOCK NO.	Price Per 1000' Spool
29500	E	4	16 (26x30)	.530	566-29500-500-10	966.08	566-29500-1000-10	2191.99
29501	E	4	14 (41x30)	.600	566-29501-500-10	1402.28	566-29501-1000-10	2661.15
29502	E	4	12 (65x30)	.650	566-29502-500-10	1662.41	566-29502-1000-10	3031.56
29503	E	4	10 (105x30)	.690	566-29503-500-10	2070.16	566-29503-1000-10	4148.62
29504	E	4	8 (7x19x29)	.930	566-29504-500-10	3511.58	566-29504-1000-10	7023.16
29505	E	4	6 (7x19x27)	1.020	-----	-----	566-29505-1000-10	9546.66
29506	E	4	4 (7x19x25)	1.160	-----	-----	566-29506-1000-10	13465.16
29507	E	4	2 (7x19x23)	1.340	566-29507-500-10	10390.16	566-29507-1000-10	19824.44