





Building Automation System (B.A.S.) / Instrument Control Cables

	Description	Part Number	Price/MT
	Twisted pair 1 pair, 14 AWG, Overall foil shield, Chrome PVC Jacket	8720	160
	Twisted pair 1 pair, 18 AWG, Overall foil shield, Chrome PVC Jacket	8760	42
	Twisted pair 1 pair, 20 AWG, Overall foil shield, Chrome PVC Jacket	8762	55
	Twisted pair 1 pair, 22 AWG, Overall foil shield, Chrome PVC Jacket	8761	33

	Description	Part Number	Price/MT
 	Twisted pair 2 pair, 22 AWG, Individual Foil shield, Chrome PVC Jacket	8723	41
	Twisted pair 3 pair, 22 AWG, Individual Foil shield, Chrome PVC Jacket	8777	105

	Description	Part Number	Price/MT
	Twisted pair 1 pair, 16 AWG, Overall foil shield, Black PVC Jacket	1030A	80

Low Smoke Halogen Free

	Description	Part Number	Price/MT
	Twisted pair 1 pair, 18 AWG, Overall foil shield, Chrome LSZH Jacket	8760NH	65
	Twisted pair 1 pair, 22 AWG, Overall foil shield, Chrome LSZH Jacket	8761NH	60
	Twisted pair 2 pair, 22 AWG, Overall foil shield, Chrome LSZH Jacket	8723L	56

Speaker Wire and Microphone Cables

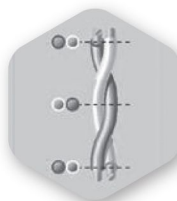
	Description	Part Number	Price/MT
	Twisted pair 1 pair, 12 AWG, Un-shield, Chrome PVC Jacket	8477	175
	Twisted pair 1 pair, 14 AWG, Un-shield, Chrome PVC Jacket	8473	99
	Twisted pair 1 pair, 16 AWG, Un-shield, Chrome PVC Jacket	8471	62
	Twisted pair 1 pair, 18 AWG, Un-shield, Chrome PVC Jacket	8461	55

Paired Cable

Belden paired cable products are manufactured in a variety of gage sizes, dimensions, insulation materials, shielding configurations and jacketing materials - including Plenum and High-Temperature versions to meet the technical requirements of many different types of systems.



Paired cables allow balanced signal transmission, which results in lower crosstalk through common mode rejection. Due to the improved noise immunity of twisted pairs, they generally permit higher data speeds than multi-conductor cables.



Bonded-Pair Cable

Belden's breakthrough Bonded-Pair cables are the result of a patented design that bonds the individual insulated conductors together along their longitudinal axes. This unique physical characteristic results in uniform conductor-to-conductor spacing - a key aspect in consistent electrical performance. Even when a Bonded-Pair cable is subjected to everyday installation stresses such as bending, coiling and pulling, its conductor-to-conductor spacing remains stable.

Installable Performance®

A Category 5e cable that yields 5e performance on the reel, but provides only Category 5 performance after being installed, is of little value.

Since Belden Bonded-Pair cables are more resistant to the adverse effects of the installation/termination process, they are able to achieve Installable Performance - or they achieve the same high level of performance after installation.

Twisted Pair Cable

Unshielded and Shielded Twisted Pair cables are typically used for data transmission. To help achieve optimum network performance, Belden® has built reliability into each cable it produces. The result is a comprehensive, unflinching line of cables that fulfill the requirements of a specific application and/or the applicable TIA/EIA Category requirement.



Fire Alarm Cables



Description	Part Number	Price/MT
Twisted pair 1 pair, 14 AWG (Solid), Foil shield, Red PVC Jacket	YM46939	90
Twisted pair 1 pair, 16 AWG (Solid), Foil shield, Red PVC Jacket	YM46938	65
Twisted pair 1 pair, 18 AWG (Solid), Foil shield, Red PVC Jacket	YM48820	46



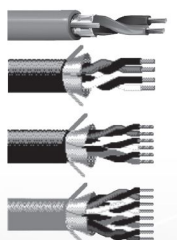
Description	Part Number	Price/MT
Twisted pair 1 pair, 14 AWG, Un-shield, Red PVC Jacket with ripcord	5120UL	85

Security & Alarm Cables (Waterblocking tape)



Description	Part Number	Price/MT
Twisted pair 1 pair, 14 AWG, Foil shield, Waterblocking tape, Black PVC jacket	5140F1	155
Twisted pair 1 pair, 16 AWG, Foil shield, Waterblocking tape, Black PVC jacket	5240F1	99
Twisted pair 1 pair, 18 AWG, Foil shield, Waterblocking tape, Black PVC jacket	5340F1	76

Security & Sound Cables



Description	Part Number	Price/MT
Twisted pair 1 pair, 16 AWG, Overall foil shield, Gray PVC Jacket	5200FE	72
Twisted pair 2 pair, 18 AWG, Overall foil shield, Gray PVC Jacket	5341FE	117
Twisted pair 3 pair, 18 AWG, Overall foil shield, Gray PVC Jacket	5342FE	150
Twisted pair 4 pair, 18 AWG, Overall foil shield, Gray PVC Jacket	5343FE	190

Coaxial Cables For MATV/CATV/SMATV Cables

Series 6



Description	Part Number	Price/MT
RG 6/U, 18 AWG, foil(100%) + AL braid shield (60%), Black PVC Jacket. (Indoor)	9116	16
RG 6/U, 18 AWG, foil(100%) + AL braid shield (60%), Black PVC Jacket. (Indoor)	9116S	13
RG 6/U, 18 AWG, foil(100%) + AL braid shield (90%), Black PVC Jacket. (Indoor)	1530A	20
RG 6/U, 18 AWG, foil(100%) + AL braid shield (95%), Black PVC Jacket. (Indoor)	YJ57030	24
RG 6/U, 18 AWG, foil(100%) + AL braid shield (97%) Black PVC Jacket.(Indoor)	YJ71050	27
RG 6/U, 18 AWG, foil(100%) + AL braid shield (60%), Black PE Jacket. (Indoor, Outdoor&Burial)	9066	31

Series 11



RG 11/U, 14 AWG, foil(100%) + AL braid shield (60%), Black PVC Jacket. (Indoor)	1523A	38
RG 11/U, 14 AWG, foil(100%) + AL braid shield (95%), Black PVC Jacket. (Indoor)	YJ57051	42
RG 11/U, 14 AWG, foil(100%) + AL braid shield (97%) Black PVC Jacket.(Indoor)	YJ71049	45
RG 11/U, 14 AWG, foil(100%) + AL braid shield (60%), Black PE Jacket. (Indoor, Outdoor&Burial)	1525A	69

Low Loss Serial Digital Coax, RG6, RG11



RG-6/U, 18 AWG, Duofoil(100%) + TC braid shield (95%), PVC Jacket. (Indoor/Outdoor)	1694A	110
RG-11/U, 14 AWG, Duofoil(100%) + TC braid shield (95%), PVC Jacket. (Indoor/Outdoor)	7731A	180
RG-59/U, 20 AWG, Duofoil(100%) + TC braid shield (95%), PVC Jacket. (Indoor/Outdoor)	1505A	80
Coax, Sub-miniature, 23 AWG, Duofoil(100%) + TC braid shield (95%), PVC Jacket. (Indoor/Outdoor)	1855A	77

Series 59



RG-59, 20 AWG, foil(100%) + AL braid shield (65%), Black PVC Jacket.	9104	25
RG-59, 23 AWG, foil(100%) + BC braid shield (95%), Black PVC Jacket.	8241	75
RG-59, 22 AWG, Stranded conductor, foil(100%) + BC braid shield (95%), Black PVC Jacket.	8241F	93

Transmission / TELCO



RG-58A/U, 20 AWG stranded conductor, TC braid shield (96%), Black PVC Jacket.	8219	77
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Industrial Data Cables

Description	Part Number	Price/MT
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Low-Capacitance Computer Cables for EIA RS 485, DMX 512

	Twisted pair 1 pair, 22 AWG, Overall Beldfoil®(100%) + TC braid shield (90%), Chrome PVC Jacket	9841	115
	Twisted pair 2 pair, 24 AWG, Overall Beldfoil®(100%) + TC braid shield (90%), Chrome PVC Jacket	9842	155
	Twisted pair 1 pair, 22 AWG, Overall Beldfoil®(100%) + TC braid shield (65%), Black PVC Jacket	3105A	145
	Twisted pair 1 pair + 1core, 22 AWG, Overall Beldfoil®(100%) + TC braid shield (65%), Black PVC jacket	3106A	165
	Twisted pair 2 pair, 22 AWG, Overall Beldfoil®(100%) + TC braid shield (65%), Black PVC Jacket	3107A	230

Low-Capacitance Computer Cables for EIA RS 232, RS 422

	Twisted pair 2 pair, 24 AWG, Overall Beldfoil®(100%), Chrome PVC Jacket	1419A	65
	Twisted pair 3 pair, 24 AWG, Overall Beldfoil®(100%), Chrome PVC Jacket	1420A	85
	Twisted pair 4 pair, 24 AWG, Overall Beldfoil®(100%), Chrome PVC Jacket	1421A	99

Contronet™

	RG6, 18 AWG, Double foil & braid shield (100%+60%+100+40%), Black PVC Jacket.	3092A	115
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Industrial Grade Cables vs Commercial Grade Cables

Stranded conductors for improved flexibility

Solid conductors, not fit for high flex application

Foil + braid shield for RFI/EMI protection

Foil shield

Industrial grade outer jacket

Commercial grade jacket

DataTuff® cables made for tough industrial applications offer:

Reliability

- Cables and cord sets are manufactured in ISO certified facilities
- Belden manufactured and warranted products will assure consistent maximum signal performance in industrial environments

Robust Design






- Products are designed with heavy-wall industrial grade jackets to withstand exposure to oil, chemicals, rough handling, abrasion, UV radiation, and temperature variations
- Shielded versions provide exceptional noise immunity in the presence of EMI/RFI

Usage of commercial cables under industrial environment can lead to:

- Intermittent signal-production line stoppage and creation of scrap
- Inconsistency in on-line connection – failure to connect, stopping production
- Compromises in operator safety
- Reduced service life



Industrial Data Cables

	Description	Part Number	Price/MT
Databus-Fieldbus-Profibus PA (TypeA)			
	1 pair, 18 AWG, AL foil - polyester tape shield, Orange PVC Jacket	3076F	75
Databus-Profibus DP			
	22 AWG FHDPE Insulation, Violet PVC Jacket	3079A	125
DeviceNet™			
	300V Class 2 Thick, 15 and 18 AWG, individual foil shield + overall TC braid(65%), Sunlight- and Oil-resistant Gray PVC Jacket	3082A	290
	300V Class 2 Thick, 22 and 24 AWG, individual foil shield + overall TC braid(65%), Sunlight- and Oil-resistant Gray PVC Jacket	3084A	Call
Twinax-Blue Hose®			
	1 pair 20AWG, Beldfoil®(100%) + TC braid shield (55%), Blue sunlight-resistant Jacket	9463	99
CC Link			
	3 core 20AWG, Beldfoil®(100%) + TC braid shield (78%), Red PVC Jacket	1348A	155

