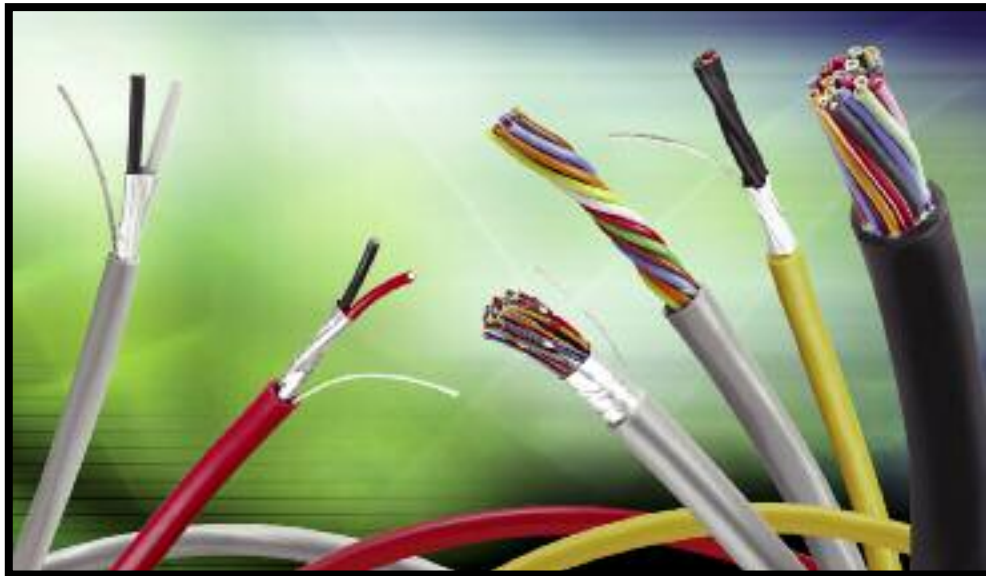


CB 004

Belden® Industrial Classics

Belden's Classic Line includes a select number of high quality, high reliability Multi-conductor and Paired Cables, as well as Hook-up and Lead Wire. These known performers meet or exceed UL standards and have been used worldwide for decades.



Belden Classic Cables Provide Best-in-class Performance for a Wide Range of Applications: Industrial Video, Sound and Security and Interconnect

Belden Industrial Classic products are manufactured in a wide variety of gauge (AWG) sizes, insulation materials, shielding configurations, and jacketing materials including Plenum and High-temperature versions. These Multi-conductor, Paired, Hook-up and Lead Wire products offer best-in-class performance and reliability in many different systems.

Features/benefits of the Classics line include:

- Unsurpassed quality and reliability
- Robust designs that meet or exceed UL standards
- Proven performance in installations worldwide
- Broad range of AWG sizes, shielding options, conductor and pair counts
- Convenient put-up options
- Cables with polyolefin insulations provide lower capacitance performance when compared to cables with PVC insulations
- Tefzel, TFE and FEP insulation and jacket constructions offer higher temperature ratings
- Global availability through a network of Belden distributors

Shielding

Belden meets the demand for highly effective shielding technology (Fig. 1) with innovative, EMI/RFI-protective foil and braid designs like Beldfoil®. Belden's patented Beldfoil shield is an aluminum/ polyester foil construction that yields a lightweight, strong, flexible and thin shield that provides extra insulation and 100% shield coverage. Beldfoil is ideally suited for multiple-pair, individually shielded audio, communication, and data cables.

Product Consistency

By manufacturing our products in ISO-certified, state-of-the-art manufacturing facilities, Belden assures that quality is built into each and every product. Precise diameter control of insulation and jacket diameters and concentric wall thickness

assure fast, reliable manufacturing in high-speed automated equipment, and ease of termination and assembly in the field.

Multi-conductor and Paired Cables

Belden offers one of the broadest lines of UL Listed, NEC and CEC multi-conductor cables available from any single source. Paired designs 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 traditional multi-conductor cables.

Belden Multi-conductor and Paired products deliver low voltage analog data signals within enclosures, from controllers and I/Os to devices such as temperature and pressure sensors, relays, valves, meters, thermocouples, solenoids, actuators, contactors, push buttons, and alarms. They also are applicable for computers, communications, instrumentation, sound, control, audio, data transmission, and many more applications.

Hook-up and Lead Wire

Belden's Hook-up and Lead Wire products are available in a broad range of AWG sizes, insulation types, and ratings. Our rubber formulation and plastic mixing facilities allow complete control of the product from start to finish. As a result, consistent product quality is always assured. Belden Hook-Up/Lead Wire can be used in the inter-connection of circuits, the internal wiring of computer and data processing equipment, in harness fabrication, and in various appliance, lighting, motor lead, heating and cooling equipment, and automotive applications, among others.

Find the Right Product for Your Application

Belden Classic products are available from stock from Belden distributors. Belden can also engineer specific constructions for your application. Contact your Belden Sales Representative for further details.

Beldfoil Shield, Z-fold Design

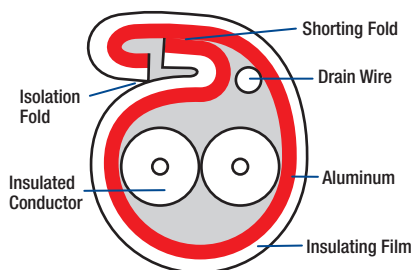


Fig. 1

Belden Classic Products

300V Cables and Hook-up/Lead Wire

Non-plenum Multi-conductor or Paired Cables

Multi-conductor	Paired	AWG	Insulations	Jacket	CM	CMG or CL3	FPLR	VW-1	Shielding Options		Catalog Reference Page*
									Shielded	Non-shielded	
●		12-22	PVC	PVC			●		●	●	4.32-4.33
●		16-24	PVC	PVC		●			●	●	4.3-4.6, 4.11, 4.17, 4.19
	●	18-24	PVC	PVC		●			●	●	5.4-5.8, 5.11-5.12, 5.17, 5.29, 5.32
●		18-22	Polyolefin	PVC	●				●		4.3, 4.12-4.13
	●	12-22	Polyolefin	PVC	●				●		5.18-5.22
●		16, 20	Tefzel	Tefzel				●	●	●	4.28-4.29
●		12-18,22	PVC	PVC				●		●	4.6-4.7

Hook-up/Lead Wire

Hook-up/Lead Wire	AWG	Insulations	UL AWM Style	VW-1	Military Spec	Catalog Reference Page
●	16-24	TFE	1180		16878/5	3.9
●	16-22	XL-Dur	3199	●		3.14
●	14-22	Hypalon	3190			3.17
●	16-20	Neoprene	3044			3.18
●	16-30	SRPVC	1061			3.3
●	14-30	SRPVC	1007, 1569	●		3.4

Plenum Multi-conductor or Paired Cables

Multi-conductor	Paired	AWG	Insulations	Jacket	CMP	FPLP	Shielding Options		Catalog Reference Page
							Shielded	Non-shielded	
●		16-24	FEP	FEP	●		●	●	4.23-4.27
	●	18, 22	FEP	PVDF	●		●	●	5.9, 5.20-5.21
●		12, 14	FEP	FEP		●	●		4.34

600V Cables and Hook-up/Lead Wire

1-4 Conductor Shielded Cables

1-4 Conductors	AWG	Insulations	Jacket	Military Spec	Shielding Options		Catalog Reference Page
					Shielded	Non-shielded	
●	16, 20, 22	PVC-Nylon	PVC	16878/17	●		4.15
●	16-24	TFE	TFE	16878/4	●		4.30-4.31

Specialty Type

Multi-conductor	AWG	Insulations	Jacket	UL AWM Style	VW-1	UL Type SO	Shielding Options		Catalog Reference Page
							Shielded	Non-shielded	
●	20-22	FEP	Silicone Rubber	4516			●		4.29
●	14-16	PVC	PVC		●			●	4.6-4.7
●	16	EPDM	CPE			●		●	4.9

Hook-up/Lead Wire

Hook-up/Lead Wire	AWG	Insulations	UL AWM Style	VW-1	Military Spec	SIS Type	Catalog Reference Page
●	16-30	TFE	1213	●	16878/4		3.10, 3.11
●	4/0-18	EPDM	3340, 3374				3.12
●	12-22	EPDM	3484				3.13
●	6-22	XL-Dur	3173, 3195, 3196				3.14
●	10-20	XL-Dur	3436, 3321				3.15
●	8-14	XL-Dur		●		●	3.15
●	4/0-18	Hypalon	3191, 3192, 3193				3.16
●	2/0-18	Neoprene	3046, 3048, 3049				3.18
●	1/0-22	Silicone Braidless	3212, 3213, 3214				3.19
●	14-18	Silicone Braidless	3135				3.19
●	4/0-18	Silicone Braidless	3071, 3074, 3075, 3125	●			3.20
●	10-20	Silicone Braidless	3062, 3070, 3101	●			3.21
●	4-24	PVC	1015	●			3.5, 3.6
●	12-24	PVC			76 type MWP		3.7
●	16-28**	PVC			16878/1		3.7

*2006 Edition of Belden Master Catalog at: www.belden.com **1000V rating

● EPDM = Ethylene-propylene-diene monomer rubber • FEP = Fluorinated ethylene-propylene • SRPVC = Semi-rigid PVC • TFE = Tetra fluoroethylene