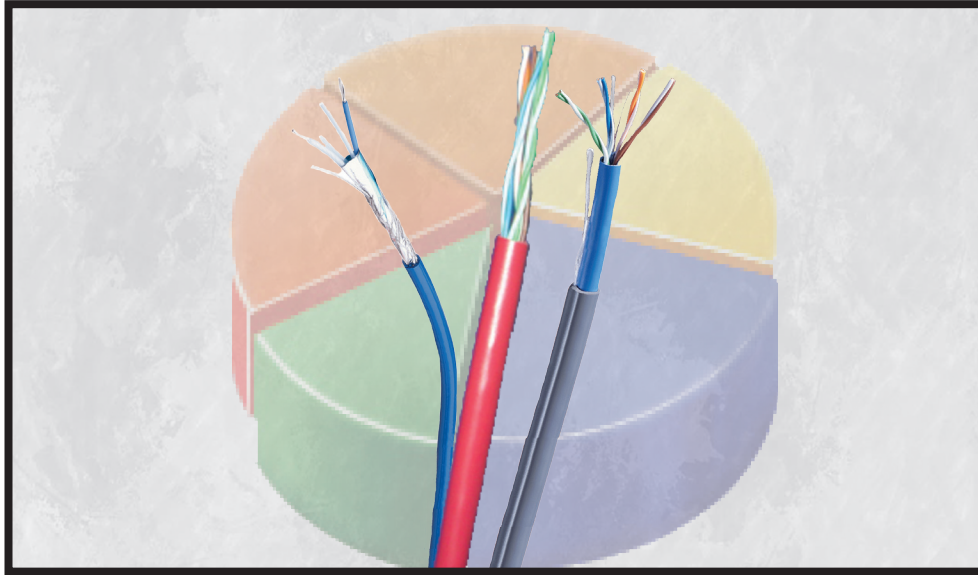


Capabilities Bulletin





CB0015

Specific Color Designed Products

Cables designed with precise colors to indicate specific ratings or systems



Be Certain with Belden's system specific colored products. The provider of products for every color coding need in your application.




 Blue = Intrinsically Safe Systems	Intrinsically Safe Systems indicate a low voltage product is being utilized in an environment where explosive conditions could be present such as gas platforms or oil refineries. A key element in these systems are Intrinsically Safe Blue cables. The presence of the Intrinsically Safe Blue jacket on a cable indicates a low voltage cable is being used for that particular system. Belden offers many off-the-shelf products as standards to meet this need including the market standard Blue Hose twin-axial cable. When you require a Intrinsically Safe cable, think of Belden.
 Red = Safety Systems for DeviceNet™ and Ethernet applications.	Business is more competitive than ever but two key elements that remain in the forefront in industrial environments are the safety of the products being manufactured and more importantly the employees that produce these products. Nowhere is this more evident than the adoption of Red jacketed cables commonly used in DeviceNet and Ethernet Applications to indicate a line that is dedicated to providing safety on the factory floor. Whether the cable is connected to a photo eye near a heavy press or E-Stop on a conveyor belt, workers can be assured there is a dedicated line protecting their safety. Belden offers many products as standards that feature Red jackets.
 Teal = Commonly used for Ethernet applications on the industrial plant floor.	Industrial Ethernet continues to trend towards the principal infrastructure choice for Mission-critical industrial automation and control applications in factories across the globe. A key element in this system is an Industrial Ethernet Cable designed specifically for these harsh environments and it is more important than ever that the system can be identified in a moments notice. Teal continues to lead the way as common color associated with Ethernet systems in factory applications.
 Multiple Colors = Any color that is required for your specific application.	Regardless of the color you require to fulfill your needs on the factory floor or in your boardroom, Belden offers a variety of standard and special products with different jacket colors. We can color match the color you desire as a special product to help with all your color coding requirements.

Protocol Cross Reference

System Name	Belden Part No.
Can Open/HART/ RS-485	3105A 1 Pair, RS-485 (PLTC)
	3106A 1.5 Pair, RS-485 (PLTC)
	3107A 2 Pair, RS-485 (PLTC)
CC-Link	1348A 20/3C, Foil + Braid Shield (formerly YR47205)
	1349A 20/3C Shielded + 18/2C Power (formerly YR47198)
ControlNet	3092A RG-6 PVC Quad Shield
	3092F RG-6 PVC Quad Shield, Flex Version, Alum. Braid
	YR28890 RG-6 PVC Quad Shield, Flex Version, Copper Br.
	3093A RG-6 FEP Quad Shield, Plenum
	123092A Aluminum Armor (3092A)
	133092A Steel Armor (3092A)
	183092A Continuous Armor (3092A)
	9463 20 AWG Twinax, Blue Hose
	3072F 600V, TC Blue Hose
	9463DB Direct Burial Blue Hose
	9463F High-Flex, Blue Hose
DataHighway (DH) & DataHighway Plus (DH+) Remote I/O	89463 High Temp, Plenum Blue Hose
	129463 Aluminum Armor (9463)
	139463 Steel Armor (9463)
	189463 Continuous Armor (9463)
	YR28826 Dual Blue Hose
	YC39151 Dual Armored Blue Hose
	YR28764 Thick Wall PLTC Blue Hose
	YR29565 Colored Blue Hose
	YR41104 Low Smoke Zero Halogen Blue Hose
	3082A PVC (Thick)
	3082F High-Flex (Thick)
	3082K CL2 (Flat)
	3082KP Auxiliary Power (Flat)
	3083A CPE (Thick)
	3084A PVC (Thin)
	3084F High-Flex (Thin)
	3085A CPE (Thin)
DeviceNet	7895A CL2 PVC (Cable III Mid)
	7896A CL1 PVC (Type V Trunk Cable)
	7897A CL1 PVC (Thick)
	7900A CL1 Unshielded (Drop Cable IV)
	3076F Type A, 18 AWG, Foil, PLTC-ER ITC
	3077F Type B, 1200m (31.25K)
	3078F High speed 500m (2.5MHz)
	HSE Copper & Fiber See Industrial Ethernet listing.
	1334A Type A, 18 AWG, Foil & Braid, PLTC ITC
	1335A Type A, 16 AWG, Foil & Braid, PLTC-ER ITC
	1336A Type A, 14 AWG, Foil & Braid, PLTC-ER ITC
	1327A Type A, 18 AWG, 2 Pairs, PLTC ITC
	1328A Type A, 18 AWG, 5 Pairs, PLTC ITC
	1329A Type A, 18 AWG, 8 Pairs, PLTC ITC
	1330A Type A, 18 AWG, 12 Pairs, PLTC ITC
	1331A Type A, 18 AWG, 16 Pairs, PLTC ITC
	1332A Type A, 18 AWG, 20 Pairs, PLTC ITC
	1333A Type A, 18 AWG, 24 Pairs, PLTC ITC
HART/RS-485/ Can Open	3105A 1 Pair, RS-485 (PLTC)
	3106A 1.5 Pair, RS-485 (PLTC)
	3107A 2 Pair, RS-485 (PLTC)
Industrial Ethernet	7932A Cat 5e, 2-Pair, Bonded
	7933A Cat 5e, 2-Pair, Bonded, Shielded
	7923A Cat 5e, 4-Pair, Bonded
	7918A Cat 5e, 4-Pair
	7924A Cat 5e, 4-Pair, Bonded, Flexible
	7929A Cat 5e, Bonded, Stranded, Shielded
	7930A Cat 5e, 4-Pair, Flexible

System Name	Belden Part No.
Industrial Ethernet (Continued)	7922A Cat 5e, 4-Pair, Bonded, PLTC
	7934A Cat 5e, 4-Pair, Bonded, Burial
	7937A Cat 5e, 4-Pair, Bonded, Shielded, Burial
	7928A Cat 5e, 4-Pair, Bonded, Gas Res, High + Low Temperature
	11700A Cat 5e, 4-Pair, Bonded, Upjacketed
	11700A2 Cat 5e, 4-Pair, Bonded, Upjacketed, Oil Res II
	121700A Cat 5e, 4-Pair, Bonded, Armored
	121700R Cat 5e, Bonded, Armored, -40°C Cold Impact
	7919A Cat 5e, 4-Pair, Shielded
	7921A Cat 5e, 4-Pair, Bonded, Shielded (Foil + Braid)
	7935A Cat 5e, Bonded, Low Smoke Zero Halogen
	7936A Cat 5e, Bonded, Shielded, Low Smoke Zero Halogen
	7927A Cat 6, 4-Pair, Bonded
	7931A Cat 6, 4-Pair, Bonded, Gas Res, High + Low Temperature
	11872A Cat 6, 4-Pair, Bonded, Upjacketed
	121872A Cat 6, 4-Pair, Bonded, Armored
	3119A 18/3C, 24/3 Pair, Composite
	3120A 24/3 Pair
Interbus-S	
LONWORKS	8471 16AWG, 1-Pair, UL AWM 2598
	8917 16AWG, 1 Cond, UL AWM 1015
	85102 16AWG, 2 Cond, VW1, Plenum
	Category 5e See Industrial Ethernet listing.
Modbus	8777 22 AWG, 3 Pair, Modem Drop Cable
	128777 Aluminum Armor (8777)
	138777 Steel Armor (8777)
	88777 FEP 200°C, Plenum (8777)
Profibus DP & FMS (Purple)	3079A 22 AWG 300V Twinax
	3079E 22 AWG 300V Twinax, Flex Version
Profibus PA (Blue)	3076F 18 AWG, 2 Conductors, Type A
RS-485/HART/ Can Open	9841 1 Pair
	82841 1 Pair, Plenum
	89841 1 Pair, Plenum, High-Temperature
	9842 2 Pair
	82842 2 Pair, Plenum
	9843 3 Pair
	9844 4 Pair
	7200A 1 Pair, RS-485, Hi Flex
	7201A 2 Pair, RS-485, Hi Flex
	7202A 3 Pair, RS-485, Hi Flex
	7203A 4 Pair, RS-485, Hi Flex
	7206A 1 Pair, RS-485, Hi Flex
	3105A 1 Pair, RS-485 (PLTC)
	3106A 1.5 Pair, RS-485 (PLTC)
	3107A 2 Pair, RS-485 (PLTC)
	3108A 3 Pair, RS-485 (PLTC)
	3109A 4 Pair, RS-485 (PLTC)
Seriplex	3124A 1 Pair 18 AWG, 1 Pair 22 AWG
	3125A 1 Pair 16 AWG, 1 Pair 22 AWG
	3126A 1 Pair 16 AWG, 1 Pair 22 AWG, 1 Pair 12 AWG
	123124A Aluminum Armor (3124A)
	123125A Aluminum Armor (3125A)
	123126A Aluminum Armor (3126A)
Smart Distributed System (SDS)	3086A 1 Pair 16 AWG, 1 Pair 20 AWG
	3087A 2 Pairs 22 AWG

FEP = Fluorinated Ethylene-propylene

	Available with a blue jacket as a standard option.
	Available with a red jacket as a standard option.
	Available with a teal jacket as a standard option.