

PB 370

### Belden® GreenChoice™

LSZH-jacketed multi-conductor cables are suitable for industrial applications and are extensions of our most reliable and popular cables, the Classics series. These LSZH multi-conductor cables not only offer the same quality and reliability as Belden's Classics series, but are also fully recyclable, halogen/PVC-free, and carry robust strength.



### **Belden LSZH-jacketed Multi-Conductor Cables Expand User Choices for Halogen-free Wiring that Meets all Current Environmental Standards and Belden's Own Strict Quality Standards.**



#### GreenChoice Benefits

- **Reliability:** LSZH cables offer the same unsurpassed quality and reliability as our Classics series
- **Built to last:** GreenChoice cables are manufactured to Belden's exacting standards in an ISO 9001 North American facility with the same 10-year warranty
- **Highly Effective Shielding Technology:** Belden offers innovative, EMI/RFI protective foil and braid designs, such as Beldfoil®, to reduce such interferences
- **Meets non-environmental ratings:** GreenChoice cabling uses the same AWM and UL rating systems as Belden Classics Cable
- **LEED Qualified:** The GreenChoice product line meets the requirements of LEED Pilot Credit 54 for up to 2 LEED points per installation to help builders achieve the next level of LEED certification

#### Environmentally-friendly Industrial Cabling

Companies looking for robust and environmentally sound wiring solutions need look no further than Belden® GreenChoice™ LSZH-jacketed multi-conductor cables. Although this product is deemed "green", it delivers optimum performance while achieving less of an environmental impact. With this being said, halogen-free GreenChoice cables are easy to recycle and, because they are non-toxic, can be deposited in landfills. Additionally, the GreenChoice product line meets all current environmental regulations including WEEE, REACH, RoHS, and Prop 65.

#### Applications

- Control and instrumentation including panels and control room
- RS-232, RS-422/423, & RS-485—computer and CAD/CAM
- Power supply
- Audio
- Computer/POS
- Automotive
- Medical OEMs
- Electrical panel builders
- Computer/Electronics Companies Belden's



## GreenChoice Cable



### Wire Specifications

**Conductor** Stranded Tinned Copper

**Jacket** LSZH

**Color** Chrome; Black

**Put ups** 500 ft (124.4 M)  
1000 ft (308.4 M)

**Approvals** CMG  
ROHS Compliant  
REACH Compliant  
CE Compliant  
CA Prop 65 Compliant  
WEEE Compliant

GreenChoice Item	No. of Cond.	AWG	No. of Pairs	AWM Type	Shield	Nominal OD		Nominal Capacitance			
						Inch	mm	*Pf/Ft	*Pf/m	**Pf/Ft	**Pf/m
8471NH	2	16	1	AWM 21305	N/A	0.274	6.96	17.0	55.8	N/A	N/A
8719NH	2	16	1	AWM 21310	Beldfoil®	0.3	7.62	26.0	85.3	46.8	153.4
8760NH	2	18	1	AWM 21305	Beldfoil®	0.222	5.64	29.8	97.6	53.5	175.5
8461NH	2	18	1	N/A	N/A	0.21	5.33	15.5	50.9	N/A	N/A
9740NH	2	18	1	AWM 21307	N/A	0.21	5.33	17.5	57.4	N/A	N/A
8770NH	3	18	1.5	AWM 21305	Beldfoil®	0.246	6.25	24.0	78.7	48.0	157.5
9418NH	4	18	2	AWM 21307	Beldfoil®	0.245	6.22	24.5	80.4	44.0	144.4
9156NH	4	18	2	AWM 21307	N/A	0.333	8.46	17.5	57.4	N/A	N/A
8489NH	4	18	2	AWM 21305	N/A	0.243	6.17	16.3	53.3	N/A	N/A
8762NH	2	20	1	AWM 21305	Beldfoil®	0.204	5.18	27.0	88.6	49.0	160.8
9154NH	2	20	1	AWM 21307	Beldfoil®	.0198	5.03	27.0	88.6	48.5	159.1
8772NH	3	20	1.5	AWM 21305	Beldfoil®	0.218	5.54	27.0	88.6	51.0	167.3
8761NH	2	22	1	AWM 21305	Beldfoil®	0.175	4.45	24.0	78.7	47.0	154.2
8442NH	2	22	1.5	N/A	N/A	0.168	4.27	12.5	41.0	N/A	N/A
9462NH	2	22	1	AWM 21307	Beldfoil®	0.186	4.72	25.0	82.0	45.0	147.6
8771NH	3	22	1.5	AWM 21305	Beldfoil®	0.199	5.05	23.0	75.5	41.0	134.5
8443NH	3	22	1.5	AWM 21307	N/A	0.172	4.37	15.0	49.2	N/A	N/A
9770NH	3	22	1.5	N/A	Beldfoil®	0.145	3.68	32.0	105.0	60.0	196.9
8723NH	4	22	2	N/A	Beldfoil®	0.196	4.98	35.0	114.8	62.0	203.4
8444NH	4	22	2	AWM 21307	N/A	0.185	4.70	15.0	49.2	N/A	N/A
8777NH	6	22	3	AWM 21088	Beldfoil®	0.273	6.93	30.0	98.4	55.0	180.4
9841NH	2	24	1	AWM 21088	Beldfoil®	0.266	6.76	14.5	47.6	26.0	85.3
8641NH	2	24	1	AWM 21305	Beldfoil®	0.168	4.27	22.0	72.2	42.0	137.8
9842NH	4	24	2	AWM 21088	Beldfoil®	0.323	8.20	13.8	45.1	24.8	81.2
9729NH	4	24	2	AWM 21088	Beldfoil®	0.266	6.76	12.5	41.0	23.3	76.3

Note: Belden also offers LSZH cables as standard products in its Shipboard product line. In addition, LSZH jackets are available on special order for most Belden Classic Cables. Contact a Belden representative today, or visit [www.Belden.com](http://www.Belden.com) for more information.

For more information on compliance with environmental initiatives, please see <http://www.belden.com/aboutbelden/company/environment/environment.cfm>.

\*conductor to conductor | \*\* conductor to other conductor & shield