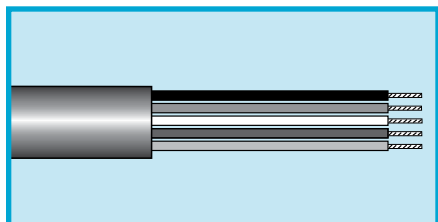


Low Smoke Zero-Halogen Cable

300 V Unshielded, Multiconductor, LSZH

Alpha
Essentials



UL CMG
CSA FT4

Operating Temperature

- -20°C to +75°C

Materials

- Stranded tinned copper conductors
- LSZH insulation
- Slate LSZH jacket

LSZH Properties

- Stranded tinned copper conductors
- LSZH insulation
- Slate LSZH jacket

Conductor Color Coding

- Chart D

Alpha Wire's LSZH communication and control cable combines LSZH-rated insulation and jackets with the rugged performance you expect from Alpha Wire products. The specially formulated LSZH material minimizes the effects from smoke and harmful corrosive gases in the event of combustion. Low smoke means easier visibility in exiting the area and reduced danger of smoke inhalation, while low toxicity means no harm to people from halogenated gases.

LSZH Unshielded Multiconductor

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
1172L	2	0.150	3.81	0.025	0.64
1173L	3	0.158	4.01	0.025	0.64
1174L	4	0.171	4.34	0.025	0.64
1175L	5	0.186	4.72	0.025	0.64
1176L	6	0.201	5.11	0.025	0.64
1177L	7	0.201	5.11	0.025	0.64
1178L	8	0.216	5.48	0.025	0.64
1179L	9	0.232	5.89	0.025	0.64
1180L	10	0.250	6.35	0.025	0.64

20 AWG (0.56 mm²)

Stranding: 7/28 (0.32 mm)
Insulation thickness: 0.016 (0.40 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
1895L	2	0.190	4.83	0.025	0.64
1896L	3	0.201	5.11	0.025	0.64
1896/4L	4	0.219	5.56	0.025	0.64
1896/5L	5	0.240	6.10	0.025	0.64
1896/6L	6	0.261	6.63	0.025	0.64