LINK AMERICAN CABLING

CB-0518W

CB-0516W

CB-0514W

CB-0512W

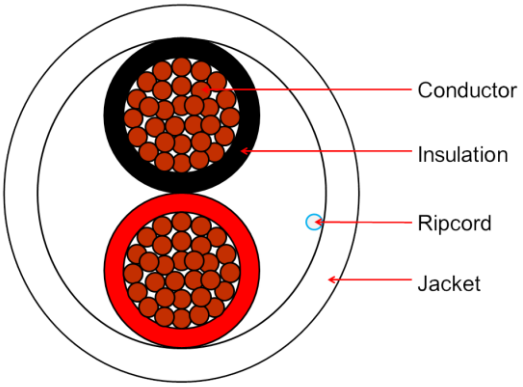


ROUND SPEAKER 1 Pair, Double Jacket Cable

Scope of Applications

LINK speaker twisted pair cable is a high efficiency cable for audio/sound system and suitable for public address system or control, instrumentation & led lighting cable. The specification covers the general requirements for indoor installation

Drawing



Technical Standards

- UL13
- UL444
- UL (CM)
- RoHS Compliant

Applications Support

- Muli-Conductor-audio/sound
- Control & Instrumentation Cable
- Public Address (PA)

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Cable Construction

Conductor	**Material**	Stranded Oxygen Free Copper
Insulation	**Material**	PVC Black and Red Color
Ripcord		Yes
Jacket	**Material**	FR-PVC
	Color	White or Black

TECHNICAL SPECIFICATION

Part Number	Conductor			Insulation Diameter (mm)	Jacket Thickness (mm)	Cable Diameter (mm)
	No. of Pair	Size (AWG)	Wire No./ Wire Dia. (mm)			
CB-0518W	1	18	16/0.25	1.8±0.05	0.58 ±0.05	3.2±0.3 x 4.8±0.3
CB-0516W	1	16	65/0.16	2.2±0.05	0.63 ±0.05	3.6±0.3 x 5.6±0.3
CB-0514W	1	14	105/0.16	2.8±0.05	0.7 ±0.05	4.4±0.3 x 7.0±0.3
CB-0512W	1	12	65/0.25	3.2±0.05	0.8 ±0.05	5.4±0.3 x 8.2±0.3

ELECTRICAL CHARACTERISTIC

Rating Temp. & Voltage		75°C 300V @20°C
Max. Conductor DCR @20°C (Ω/km)	**Cond. Size (18 AWG)**	≤ 22.7
	Cond. Size (16 AWG)	≤ 14.3
	Cond. Size (14 AWG)	≤ 8.96
	Cond. Size (12AWG)	≤ 5.51
Min. Insulation Resistance		≥ 200 MΩ /km @20°C
Dielectric Strength		AC 1.5 KV for 2 s
Spark Test		DC 2.5 KV

Physical Properties

Min. Bending Radius	15 x O.D.
Cable cold bend	-20°C for 4hr
Operating Temperature Range	0°C to +75°C
Installation Temperature Range	0°C to +60°C
Storage & Shipping Temperature Range	-20°C to +75°C

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Order Information

Part number	Description	Color	Length	Package
CB-0518W	Round SPEAKER 1 P., 18 AWG, 16-Strand, Cable, CM	White	100 m.	Easy Box
CB-0516W	Round SPEAKER 1 P., 16 AWG, 65-Strand, Cable, CM	White	100 m.	Easy Box
CB-0514W	Round SPEAKER 1 P., 14 AWG, 105-Strand, Cable, CM	White	100 m.	Easy Box
CB-0512W	Round SPEAKER 1 P., 12 AWG, 65-Strand, Cable, CM	White	100 m.	Easy Box

Specifications subject to change without notice.

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