



Product: [4T00U1](#) 

Life Cycle Status: Capability

Security & Sound, 2 Conductor 10 AWG high str BC, WB, LSZH

Product Description

Security & Commercial Audio Cable, 2-10 AWG high stranded bare copper conductors with polypropylene insulation, Waterblocking tape, LSZH jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Sound, audio, intercom, PA, Home Theatre, Stadium and Arena speaker systems; Audio use only
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Product Life Cycle

Life Cycle:	Capability - the product is not yet standardly available for orders but can be manufactured
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Construction Details

Conductor

No. of Elements	Size
2	10

Insulation

Material	Nom. Insulation Diameter	Color Code
PP - Polypropylene	3.90 mm (0.154 in)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.9 mm (0.035 in)	10.2 mm (0.402 in)	Yes

Electrical Characteristics

Electricals

Nom. Capacitance Cond-to-Cond	Max. Current
60 pF/m (18 pF/ft)	27.8 Amps per Conductor

Voltage

Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating	Installation	Storage
-20°C To +70°C	-20°C To +70°C	-30°C To +70°C

Bend Radius

Installation Min.
102 mm (4.02 in)

Max. Pull Tension:	500 N (110 lbf)
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Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Non-Halogenated, Sunlight Resistance - UL 1581 sec 1200 Black Only
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
CEC / C(UL) Compliance:	.
European Halogen Free Standards:	IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3, IEC 61034-2 - Smoke Density Min. Transmittance = 60%

Product Notes

Notes:	This is a preliminary Technical Design Specification (TDS). The minimum business quantity to offer is 3km for the first order. This product will have Black as standard color and 305mt as standard put-ups. Additional options for colors and put-ups are available on special request. The estimated production lead time for the first order will be similar to the production lead time of 4T00UP. Please liaise with your Belden representative for confirmation.
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History

Update and Revision:	Revision Number: 0.1 Revision Date: 09-08-2026
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