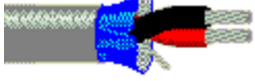




Product: [9451WB](#)

Audio Cable, 1 Pair 22 AWG, TC, Shielded, Waterblocked



Product Description

Audio Cable, 1 Pair 22 AWG stranded (7x30) TC conductors, polypropylene insulation, overall Beldfoil® shield (100% coverage), 22 AWG stranded TC drain wire, waterblock tape, polyethylene jacket.

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.0085 in (0.22 mm)	0.046 in (1.2 mm)	Black & Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Table Notes: Outer Shield Waterblocking Tape

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PE - Polyethylene	0.020 in (0.51 mm)	0.165 in

Overall Cable Diameter (Nominal): 0.165 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Velocity of Prop.	Max. Current
18.2 Ohm/1000ft	35 pF/ft (110 pF/m)	67 pF/ft (220 pF/m)	66%	6 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
1.65 in (41.9 mm)	1.65 in

Max. Pull Tension: 27 lbs (12 kg)

Bulk Cable Weight:	11 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.
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History

Update and Revision:	Revision Number: 0.364 Revision Date: 12-20-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9451WB 010U1000	Black	UnReel	1,000 ft	612825253198

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