

9452 Multi-Conductor - Two-Conductor, Low-Impedance Cable



For more Information
please call

1-800-Belden1

**Description:**

24 AWG stranded (19x36) HC TC conductors, high-density polyethylene insulation, twisted pair, noise reducing tape, Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	24	19x36	High Conductivity TC - Tinned Copper	.024

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
HDPE - High Density Polyethylene	.008	.040

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1		Tape	Noise Reducing	100
2	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	Stranded	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.020

Overall Cabling

Overall Cabling Color Code Chart:

Color
Black
Red

Overall Nominal Diameter: 0.135 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +75°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	11 lbs/1000 ft.
Max. Recommended Pulling Tension:	17.700 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.350 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

56

Nom. Inductance:

Inductance (μH/ft)

.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

30

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

58

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

25

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.5

Max. Operating Voltage - Non-UL:

Voltage

200 V RMS

Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9452 010U1000	1,000 FT	12.000 LB	BLACK		2 #24 PE SHLD PVC
9452 010U500	500 FT	6.500 LB	BLACK		2 #24 PE SHLD PVC
9452 0101000	1,000 FT	12.000 LB	BLACK		2 #24 PE SHLD PVC
9452 010500	500 FT	6.000 LB	BLACK		2 #24 PE SHLD PVC

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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