

For more Information
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1-800-Belden1



Description:

22 AWG stranded (19x34) silver-plated copper conductors, cabled and color-coded, extruded TFE Teflon® insulation, silver-plated copper braid shield (85% coverage), TFE teflon tape-wrapped jacket

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	22	19x34	SPC - Silver Plated Copper

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Teflon®	TFE - Tetrafluoroethylene	0.254

Insulation Resistance: 100, 000 Megaohms/1000 ft. @ 500 V DC.

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	SPC - Silver Plated Copper	85

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Teflon®	TFE - Tetrafluoroethylene	0.254

Overall Cabling

Overall Cabling Color Code Chart:

Color
White

Overall Nominal Diameter: 2.311 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-65°C To +200°C
Bulk Cable Weight:	13.245 Kg/Km
Max. Recommended Pulling Tension:	99.195 N
Min. Bend Radius (Install)/Minor Axis:	22.225 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2005
EU Directive 2002/96/EC (WEEE):	Yes

83305E Multi-Conductor - MIL-W-16878/4 (Type E)

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

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

MII Order #39 (China RoHS): Yes

Military Specification: MIL-W-16878/4 (Type E, except stranding, insulated conductors)

Flame Test

UL Flame Test: UL1685 UL Loading, VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (μH/m)

0.39372

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

189.97

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

46.9183

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

37.0753

Max. Operating Voltage - UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

5 Amps per conductor at 25°C

Notes (Overall)**Notes:** Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.**Related Documents:**

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83305E 009100	30 MT	0.454 KG	WHITE	E	1 #22 TFE BRD TFE TAPE
83305E 0091000	305 MT	4.536 KG	WHITE	E	1 #22 TFE BRD TFE TAPE

Notes:

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

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Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the

83305E Multi-Conductor - MIL-W-16878/4 (Type E)

compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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