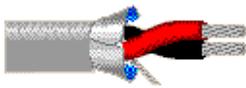


1883A Multi-Conductor - Single-Pair Cable

For more Information
please call

1-800-Belden1



Description:

24 AWG stranded (7x32) TC conductors, polypropylene insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	24	7x32	TC - Tinned Copper	.024

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PP - Polypropylene	.040

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
24	7x32		TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter: 0.123 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
1.5	8

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
Bulk Cable Weight:	10 lbs/1000 ft.
Max. Recommended Pulling Tension:	16 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.200 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

CEC/C(UL) Specification:	CMG
EU CE Mark:	No
EU Directive 2000/53/EC (ELV):	Yes
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

Flame Test

UL Flame Test:	UL1685 UL Loading
CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

52

Nom. Inductance:Inductance (μ H/ft)

.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

31

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

58

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

23.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

18.5

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2 Amps per conductor @ 25°C

Notes (Overall)

Notes: Jacket and shield are bonded so both can be removed with automatic stripping equipment. For cross-connect use with 1408R Snake Cables.

Related Documents:

1883A Multi-Conductor - Single-Pair Cable

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1883A N3UU1000	1,000 FT	12.000 LB	GREEN, MIL		2 #24 PP FS FRPVC
1883A 001U1000	1,000 FT	12.000 LB	BROWN		2 #24 PP FS FRPVC
1883A 002U1000	1,000 FT	12.000 LB	RED		2 #24 PP FS FRPVC
1883A 006U1000	1,000 FT	12.000 LB	BLUE, LIGHT		2 #24 PP FS FRPVC
1883A 007U1000	1,000 FT	12.000 LB	VIOLET		2 #24 PP FS FRPVC
1883A 008U1000	1,000 FT	12.000 LB	GRAY		2 #24 PP FS FRPVC
1883A 0081000	1,000 FT	11.000 LB	GRAY		2 #24 PP FS FRPVC
1883A 009U1000	1,000 FT	12.000 LB	WHITE		2 #24 PP FS FRPVC
1883A 010U1000	1,000 FT	12.000 LB	BLACK		2 #24 PP FS FRPVC

Revision Number: 2 Revision Date: 06-01-2009

© 2011 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренеспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru