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

Impedance (Ohm)

52

**Nom. Inductance:**Inductance ( $\mu$ 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

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- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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