

## 1883A Paired - Single-Pair Cable

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
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### 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:

#### CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	24
Stranding	7x32
Conductor Diameter	.024 in.
Conductor Material	TC - Tinned Copper

#### INSULATION:

Insulation Material	PP - Polypropylene
Insulation Diameter	.040 in.
Lay Length	1.5 in.
Twists/ft.	8

#### Pair Color Code Chart :

Number	Color
1	Black & Red

#### OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

#### OUTER SHIELD DRAIN WIRE :

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

#### OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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#### OVERALL NOMINAL DIAMETER:

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Overall Nominal Diameter	.123 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +60°C
Bulk Cable Weight	9.7 lbs/1000 ft.
Max. Recommended Pulling Tension	16 lbs.
Min. Bend Radius (Install)	1.2 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

#### FLAME TEST:

UL Flame Test	UL1685 UL Loading
CSA Flame Test	FT4

#### PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	52 Ohms
Nom. Inductance	.17 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	31 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	58 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	23.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	18.5 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2 Amps per conductor @ 25°C

#### NOTES:

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

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1883A 001U1000	2 #24 PP FS FRPVC	U1000	11	BROWN	
1883A 002U1000	2 #24 PP FS FRPVC	U1000	11	RED	

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1883A 006U1000	2 #24 PP FS FRPVC	U1000	11	BLUE, LIGHT	
1883A 007U1000	2 #24 PP FS FRPVC	U1000	11	VIOLET	
1883A 0081000	2 #24 PP FS FRPVC	1000	11	GRAY	
1883A 008U1000	2 #24 PP FS FRPVC	U1000	11	GRAY	
1883A 009U1000	2 #24 PP FS FRPVC	U1000	11	WHITE	
1883A 010U1000	2 #24 PP FS FRPVC	U1000	11	BLACK	
1883A N3UU1000	2 #24 PP FS FRPVC	U1000	11	GREEN, MIL	

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