

1813A Multi-Conductor - Two-Conductor, Low-Impedance Cable



For more Information
please call

1-800-Belden1

**General Description:**

24 AWG stranded (27x38) high-conductivity bare copper conductors, PVC insulation, bare copper spiral shield (90% coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
1	24	27x38	High Conductivity BC - Bare Copper

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.4986

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Spiral Serve	BC - Bare Copper	90.000

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 5.994 mm

Pair**Pair Color Code Chart:**

Number	Color
1	Blue & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
Bulk Cable Weight:	44.646 Kg/Km
Max. Recommended Pulling Tension:	44.482 N
Min. Bend Radius/Minor Axis:	63.500 mm

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

EU Directive 2011/65/EU (ROHS II):	Yes
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):	04/01/2005

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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MIL Order #39 (China RoHS):	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (µH/m)

0.718539

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

108.273

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

200.141

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

74.8068

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

38.0596

Max. Operating Voltage - Non-UL:

Voltage

100 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1813A B591000	305 MT	14.969 KG	BLACK, MATTE	C	2 #24 PVC SRV PVC
1813A B59328	100 MT	3.422 KG	BLACK, MATTE	C	2 #24 PVC SRV PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-15-2012

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