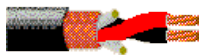


## 1813A Multi-Conductor - Two-Conductor, Low-Impedance Cable



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. (in.)
PVC - Polyvinyl Chloride	.059

#### 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: 0.236 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Blue & Red

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +60°C

Bulk Cable Weight: 30 lbs/1000 ft.

Max. Recommended Pulling Tension: 10 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

### 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

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

#### Plenum/Non-Plenum

Plenum (Y/N): No

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### Electrical Characteristics (Overall)

**Nom. Inductance:**

**Inductance (µH/ft)**  
 .219

**Nom. Capacitance Conductor to Conductor:**

**Capacitance (pF/ft)**  
 33

**Nom. Capacitance Cond. to Other Conductor & Shield:**

**Capacitance (pF/ft)**  
 61

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
 22.8

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
 11.6

**Max. Operating Voltage - Non-UL:**

**Voltage**  
 100 V RMS

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1813A B591000	1,000 FT	33.000 LB	BLACK, MATTE	C	2 #24 PVC SRV PVC
1813A B59328	328 FT	7.544 LB	BLACK, MATTE	C	2 #24 PVC SRV PVC

**Notes:**

C = CRATE REEL PUT-UP.

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