

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

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

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	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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