

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



For more Information
please call

1-800-Belden1



Description

24 AWG stranded (27x38) high-conductivity bare copper conductors, PVC insulation, bare copper spiral shield (92% coverage), PVC jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Pairs	AWG	Stranding	Conductor Material
1.000	24	27x38	High Conductivity BC - Bare Copper

Insulation:

Insulation Material

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	0.059

Outer Shield:

Outer Shield Material

Type	Outer Shield Material	Coverage (%)
Spiral Serve	BC - Bare Copper	92

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:

Overall Nominal Diameter: 0.236 in.

Pair:

Pair Color Code Chart

Number	Color
1	Blue & Red

Pair Lay Length & Direction

Lay Length (in.)	Twists/ft. (twist/ft)
1.250	9.600

Mechanical Characteristics (Overall):

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

Bulk Cable Weight: 27 lbs/1000 ft.

Max. Recommended Pulling Tension: 10 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

EU CE Mark (Y/N) Yes

EU RoHS Compliant (Y/N) Yes

EU RoHS Compliance Date (mm/dd/yyyy) 04/01/2005

Plenum/Non-Plenum:

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Plenum (Y/N) No

Electrical Characteristics (Overall):

Nom. Inductance

Inductance (μH/ft)
0.219

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
33.000

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
61.000

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
22.800

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
11.600

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 BLKMTT
1813A B59328	328 FT	7.544 LB	BLACK, MATTE	C	2 #24 PVC SRV PVC BLKMTT

Notes:

C = CRATE REEL PUT-UP.

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