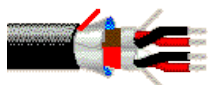


## 1814WB Multi-Conductor - Analog Multi-Paired Snake Cable



For more Information  
please call

1-800-Belden1

**General Description:**

22 AWG stranded (7x30) TC conductor, polyolefin insulation, individually shielded with bonded Beldfoil®, numbered/color-coded PVC jackets, jackets and shields are bonded so both strip simultaneously, waterblock tape, overall black PE jacket and nylon rip cord.

**Usage (Overall)**

Suitable Applications: Outdoor Applications, Sports Stadium

**Physical Characteristics (Overall)****Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
2	22	7x30	TC - Tinned Copper	0.030

Total Number of Conductors: 4

**Insulation**

Insulation Material:

Insulation Material	Dia. (in.)
PO - Polyolefin	.050

**Inner Shield**

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Inner Jacket**

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.133

**Outer Shield**

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000
2		Waterblocking Tape		100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7x30	TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
HDPE - High Density Polyethylene

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Brown
2	Red

Overall Nominal Diameter: 0.362 in.

## 1814WB Multi-Conductor - Analog Multi-Paired Snake Cable

## Pair

Pair Color Code Chart:

Color
Red & Black

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	52 lbs/1000 ft.
Max. Recommended Pulling Tension:	64 lbs.
Min. Bend Radius/Minor Axis:	3.750 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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):	10/03/2011
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

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Aerial:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6541PA

## Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
50

Nom. Inductance:

Inductance (µH/ft)
.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
31

Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
56

Nominal Velocity of Propagation:

VP (%)
66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
14.8

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
11.8

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 14.100 Ohm/1000 ft

Max. Operating Voltage - UL:

Voltage
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1814WB Multi-Conductor - Analog Multi-Paired Snake Cable

300 V RMS

Max. Recommended Current:

Current

1.45 Amps per conductor @ 25°C

Notes (Overall)

**Notes:** Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Beldfoil® provides high reliability with ease of termination.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1814WB 0101000	1,000 FT	53.000 LB	BLACK		2 FS PR #22 PVC FS LLDPO
1814WB 010500	500 FT	28.000 LB	BLACK	C	2 FS PR #22 PVC FS LLDPO

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 09-25-2013

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