

HC2810 Multi-Conductor - New Generation®



For more Information
please call

1-800-Belden1

**General Description:**

Bare copper conductors, polypropylene insulation, PVC jacket. Conductors may not be cabled. Sequential footage marking every two feet.

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

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material
PP - Polypropylene

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.114 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 7.400 lbs/1000 ft.

Max. Recommended Pulling Tension: 18.200 lbs.

Min. Bend Radius/Minor Axis: 1.140 in.

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

NEC/(UL) Specification: CM

NEC Articles: 800

CEC/C(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

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EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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

Flame Test

UL Flame Test:	UL1685 UL Loading
CSA Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)
.155

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
20

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.1

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)
17.58

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 05-14-2007

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