

HC2812 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	Solid	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: 0.106 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	7 lbs/1000 ft.
Max. Recommended Pulling Tension:	15.600 lbs.
Min. Bend Radius/Minor Axis:	1.060 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
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes

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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

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

.161

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

19.5

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.7

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

18.0

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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