# General Description:
Security & Commercial Audio Cable, Riser-CMR, 2-20 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

## Usage (Overall)
**Suitable Applications:** Intercom/PA Systems, Sound/Audio Systems

## Physical Characteristics (Overall)
### Conductor
**AWG:**
- **# Conductors:** 2
- **AWG:** 20
- **Stranding:** 7x28
- **Conductor Material:** BC - Bare Copper

### Insulation
**Insulation Material:**
- **Insulation Material:** PP - Polypropylene
- **Wall Thickness (in.):** 0.008

### Outer Shield
**Outer Shield Material:**
- **Outer Shield Trade Name:** Beldfoil®
- **Type:** Tape
- **Outer Shield Material:** Aluminum Foil-Polyester Tape w/Shorting Fold
- **Coverage (%):** 100

### Outer Jacket
**Outer Jacket Material:**
- **Outer Jacket Material:** PVC - Polyvinyl Chloride
- **Nom. Wall Thickness (in.):** 0.017
- **Outer Jacket Ripcord:** Yes

### Overall Cable
**Overall Cabling Lay Length & Direction:**
- **Length (in.):** 2.500
- **Direction:** Left Hand
- **Twists (twist/ft):** 4.800

### Overall Nominal Diameter:
- **Overall Nominal Diameter:** 0.142 in.

## Mechanical Characteristics (Overall)
- **Operating Temperature Range:** -20°C To +75°C
- **UL Temperature Rating:** 75°C
- **Bulk Cable Weight:** 13 lbs/1000 ft.
- **Max. Recommended Pulling Tension:** 37,100 lbs.
- **Min. Bend Radius/Minor Axis:** 1.375 in.

## Applicable Specifications and Agency Compliance (Overall)
### Applicable Standards & Environmental Programs
- **NEC/(UL) Specification:** CMR
- **NEC Articles:** 800
CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes
EU CE Mark: 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
CA Prop 65 (CJ for Wire & Cable): Yes
MII Order #39 (China RoHS): Yes

Flame Test
UL Flame Test: UL1666 Vertical Shaft
C(UL) Flame Test: FT4

Suitability
Suitability - Indoor: Yes

Plenum/Non-Plenum
Plenum (Y/N): No
Plenum Number: 6400FE

Surface Printing (Overall)

Electrical Characteristics (Overall)
Nom. Inductance:
Inductance (µH/ft)
0.155

Nom. Capacitance Conductor to Conductor:
Capacitance (pF/ft)
40.000

Nom. Capacitance Cond. to Other Conductor & Shield:
Capacitance (pF/ft)
72.000

Nom. Conductor DC Resistance:
DCR @ 20°C (Ohm/1000 ft)
10.3

Nominal Outer Shield DC Resistance:
DCR @ 20°C (Ohm/1000 ft)
16.700

Max. Operating Voltage - UL:
Voltage
300 V RMS

Max. Recommended Current:
Current
3.75 Amps per conductor @ 25°C (10°C rise in temp)

Put Ups and Colors:

<table>
<thead>
<tr>
<th>Item #</th>
<th>Putup</th>
<th>Ship Weight</th>
<th>Color</th>
<th>Notes</th>
<th>Item Desc</th>
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<td>1,000 FT</td>
<td>15,000 LB</td>
<td>GRAY</td>
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<td>500 FT</td>
<td>8,000 LB</td>
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<td>C</td>
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<td>7,500 LB</td>
<td>GRAY</td>
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<td>2 #20 PP FS FRPVC</td>
</tr>
</tbody>
</table>

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-19-2013
in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).