

**BELDEN**Cable™

**8205 Paired - High-Conductivity Copper Speaker Cable Twisted Jacketed Con**

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|   | <p>For more information please call<br/><b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Color Code Chart : No. 3 for Paired Cables (Belden Standard).pdf</b></p> |
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**Description:**

20 AWG stranded (7x28) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

|                            |                    |
|----------------------------|--------------------|
| Number of Pairs            | 1                  |
| Total Number of Conductors | 2                  |
| AWG                        | 20                 |
| Stranding                  | 7x28               |
| Conductor Material         | TC - Tinned Copper |

**INSULATION:**

|                                |                          |
|--------------------------------|--------------------------|
| Insulation Material            | PVC - Polyvinyl Chloride |
| Nom. Insulation Wall Thickness | .013 in.                 |

Pair Color Code Chart :

| Number | Color       |
|--------|-------------|
| 1      | Black & Red |

**OUTER SHIELD:**

|                       |            |
|-----------------------|------------|
| Outer Shield Material | Unshielded |
|-----------------------|------------|

**OUTER JACKET:**

|                                     |                          |
|-------------------------------------|--------------------------|
| Outer Jacket Material               | PVC - Polyvinyl Chloride |
| Outer Jacket Nominal Wall Thickness | .025 in.                 |

**OVERALL NOMINAL DIAMETER:**

|                          |          |
|--------------------------|----------|
| Overall Nominal Diameter | .180 in. |
|--------------------------|----------|

**MECHANICAL CHARACTERISTICS:**

|                             |                   |
|-----------------------------|-------------------|
| Operating Temperature Range | -20°C To +80°C    |
| Bulk Cable Weight           | 15.3 lbs/1000 ft. |



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|                                  |         |
|----------------------------------|---------|
| Max. Recommended Pulling Tension | 28 lbs. |
| Min. Bend Radius (Install)       | 2 in.   |

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification                | CMG        |
| CEC/C(UL) Specification               | CMG        |
| EU CE Mark (Y/N)                      | Yes        |
| EU RoHS Compliant (Y/N)               | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |

**FLAME TEST:**

|                  |     |
|------------------|-----|
| C(UL) Flame Test | FT4 |
|------------------|-----|

**PLENUM/NON-PLENUM:**

|              |   |
|--------------|---|
| Plenum (Y/N) | N |
|--------------|---|

**ELECTRICAL CHARACTERISTICS:**

|   |                               |
|---|-------------------------------|
| Nom. Capacitance Conductor to Conductor @ 1 KHz | 24.5 pF/ft                    |
| Nom. Conductor DC Resistance @ 20 Deg. C        | 10.0 Ohms/1000 ft             |
| Max. Operating Voltage - UL                     | 300 V RMS                     |
| Max. Recommended Current                        | 3.7 Amps per conductor @ 20°C |

**PUT-UPS AND COLORS:**

| Item          | Description        | Put-Up (ft.) | Ship Weight (lbs.) | Jacket Color | Notes |
|---------------|--------------------|--------------|--------------------|--------------|-------|
| 8205 060100   | 1 PR #20 PVC FRPVC | 100          | 2.6                | CHROME       |       |
| 8205 0601000  | 1 PR #20 PVC FRPVC | 1000         | 18                 | CHROME       | C     |
| 8205 060500   | 1 PR #20 PVC FRPVC | 500          | 9                  | CHROME       |       |
| 8205 060U1000 | 1 PR #20 PVC FRPVC | U1000        | 17                 | CHROME       |       |
| 8205 060U500  | 1 PR #20 PVC FRPVC | U500         | 9                  | CHROME       |       |

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 08-17-2005



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