



Part Number: 8205

High-Conductivity Speaker Cable, (1 pr) 12 AWG (7x28) TC, PVC/PVC, CMG

Product Description

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

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Pairs |
|------------------------------------|-----------|--------------------|--------------|
| 20 | 7x28 | TC - Tinned Copper | 1 |
| Total Number of Conductors: | | | 2 |

Insulation:

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.015 in |

Color Chart 1:

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

Outershield 1:

| Material |
|------------|
| Unshielded |

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.18 in | 0.025 in |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 10 Ohm/1000ft |

Capacitance:

| Nom. Capacitance Conductor to Conductor |
|---|
| 24.5 pF/ft |

Current:

| Max. Recommended Current [A] |
|-------------------------------|
| 3.7 Amps per conductor @ 20°C |

Voltage:

| UL Voltage Rating |
|-------------------|
| 300 V RMS V |

Use

| | |
|----------------------------------|--------|
| Max Recommended Pulling Tension: | 28 lbs |
|----------------------------------|--------|

Safety

| | |
|-------------------|--------------------|
| CSA Flammability: | FT4 |
| UL Flammability: | UL1685 FT4 Loading |

Temperature Range

| | |
|-----------------------|-------------------|
| Operating Temp Range: | -20°C To +60°C °C |
|-----------------------|-------------------|

Mechanical Characteristics

| | |
|-----------------------------|------|
| Min Bend Radius/Minor Axis: | 2 in |
|-----------------------------|------|

Part Number

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Standards

| | |
|-----------------------------------|-------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| CEC/C(UL) Specification: | CMG |
| MII Order #39 (China RoHS): | Yes |
| NEC/(UL) Specification: | CMG |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |

Product Variants

| Part Number | Color | Put-Up Type | Length |
|---------------|--------|-------------|---------|
| 8205 | | | |
| 8205 | CHROME | Reel | 305 m |
| 8205 0601000 | CHROME | Reel | 1000 ft |
| 8205 | | | |
| 8205 | CHROME | Reel | 30 m |
| 8205 060100 | CHROME | Reel | 100 ft |
| 8205 | | | |
| 8205 0605000 | CHROME | Reel | 5000 ft |
| 8205 | | | |
| 8205 | CHROME | Reel | 152 m |
| 8205 060500 | CHROME | Reel | 500 ft |
| 8205 | CHROME | Reel | 305 m |
| 8205 | | | |
| 8205 | CHROME | UnReel | 305 m |
| 8205 060U1000 | CHROME | UnReel | 1000 ft |
| 8205 | | | |
| 8205 | CHROME | UnReel | 152 m |
| 8205 060U500 | CHROME | UnReel | 500 ft |
| 8205 | CHROME | Reel | 30 m |
| 8205.00U152 | CHROME | UnReel | 152 m |
| 8205.00U305 | CHROME | UnReel | 305 m |
| 8205.01152 | CHROME | Reel | 152 m |
| 8205.01305 | CHROME | Reel | 305 m |
| 8205 | CHROME | Reel | 305 m |
| 8205 | | | |

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