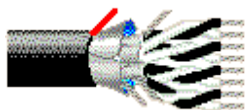


## 22411 Multi-Conductor - 600V CIC



For more Information  
please call

1-800-Belden1

**Description:**

16 AWG pairs stranded (7x24) tinned copper conductors, individual Beldfoil plus a polyester isolation tape, overall Beldfoil shield (100% coverage), PVC insulation, PVC jacket.

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

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 8       | 16  | 7x24      | TC - Tinned Copper |

**Insulation****Insulation Material:**

| Insulation Material      |
|--------------------------|
| PVC - Polyvinyl Chloride |

**Inner Shield****Inner Shield Material:**

| Inner Shield Trade Name | Type | Inner Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

**Inner Shield Drain Wire AWG:**

| AWG |
|-----|
| 18  |

Inner Shield Drain Wire Stranding: 7x26

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Outer Shield****Outer Shield Material:**

| Outer Shield Trade Name | Type | Outer Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

**Outer Shield Drain Wire AWG:**

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 16  | 7x24      | TC - Tinned Copper            |

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .080                      |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.900 in.

**Pair****Pair Color Code Chart:**

| Color                        |
|------------------------------|
| Black and White with Numbers |

**Mechanical Characteristics (Overall)**

|                                        |                                  |
|----------------------------------------|----------------------------------|
| Installation Temperature Range:        | -25°C                            |
| Operating Temperature Range:           | -40°C To (+105°C Dry, +75°C Wet) |
| Bulk Cable Weight:                     | 841 lbs/1000 ft.                 |
| Min. Bend Radius (Install)/Minor Axis: | 9 in.                            |

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |                                                         |
|---------------------------------------|---------------------------------------------------------|
| CSA Specification:                    | C22.2#239 Type CIC, C22.2#0.3 Clause 4.31 Low Acid Test |
| EU Directive 2000/53/EC (ELV):        | Yes                                                     |
| EU Directive 2002/95/EC (RoHS):       | Yes                                                     |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2006                                              |
| 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

|                 |     |
|-----------------|-----|
| CSA Flame Test: | FT4 |
|-----------------|-----|

#### Plenum/Non-Plenum

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

### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.2

|                                                     |                   |
|-----------------------------------------------------|-------------------|
| Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: | 6.500 Ohm/1000 ft |
|-----------------------------------------------------|-------------------|

#### Max. Operating Voltage - UL:

Voltage

600 V RMS

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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