



**Part Number:** 22633

300V CIC, (2 pr) 18 AWG (7x26) TC, PVC/PVC, Foil Shld

## Product Description

Two 18 AWG pairs stranded (7x26) tinned copper conductors, PVC insulation, individual Beldfoil® plus an overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

| AWG                                | Stranding | Material           | No. of Pairs |
|------------------------------------|-----------|--------------------|--------------|
| 18                                 | 7x26      | TC - Tinned Copper | 2            |
| <b>Total Number of Conductors:</b> |           |                    | 4            |

#### Insulation:

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

#### Innershield:

| Type | Material                     | Material Trade Name | Coverage [%] | Drainwire AWG      | Drainwire Construction n x D |
|------|------------------------------|---------------------|--------------|--------------------|------------------------------|
| Tape | Aluminum Foil-Polyester Tape | Beldfoil®           | 100 %        | 22                 | 7x30 mm                      |
|      |                              |                     |              | TC - Tinned Copper |                              |

#### Outershield 1:

| Type | Material                     | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|------------------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape | Aluminum Foil-Polyester Tape | Beldfoil®           | 100 %        | TC - Tinned Copper | 20            | 7x28 mm                      |

### Outerjacket 1:

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord | Separator Material |
|--------------------------|------------------|------------------------|---------|--------------------|
| PVC - Polyvinyl Chloride | 0.48 in          | 0.045 in               | Yes     | Polyester          |

## Electrical Characteristics

### Conductor DCR:

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Outer Shield DCR |
|------------------------------------|-----------------------|--------------------------|
| 10.3 Ohm/1000ft                    | 6.8 Ohm/1000ft        | 6 Ohm/1000ft             |

### Capacitance:

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Shield |
|---|--------------------------------------|
| 42 pF/ft                                | 95 pF/ft                             |

### Current:

| Max. Recommended Current [A] |
|------------------------------|
| 4 Amps per conductor @ 25°C  |

### Inductance:

| Nominal Inductance |
|--------------------|
| 0.19 µH/ft         |

### Voltage:

| Non-UL Description | Non-UL Voltage Rating |
|--------------------|-----------------------|
| CEC CIC            | 300                   |

## Use

|                                  |        |
|----------------------------------|--------|
| Suitability - Indoor:            | Yes    |
| Suitability - Outdoor:           | Yes    |
| Max Recommended Pulling Tension: | 52 lbs |

## Safety

|                     |     |
|---------------------|-----|
| C(UL) Flammability: | FT4 |
|---------------------|-----|

## Temperature Range

|                          |                  |
|--------------------------|------------------|
| Installation Temp Range: | -25°C To +105 °C |
| Non-UL Temp Rating:      | 105°C            |
| Operating Temp Range:    | -40°C To +105°C  |

## Mechanical Characteristics

|                             |        |
|-----------------------------|--------|
| Min Bend Radius/Minor Axis: | 4.8 in |
|-----------------------------|--------|

## Part Number

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

## Standards

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

## History

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