



**Part Number:** 23567

300V ACIC, (16 triad) 16 AWG (7x24) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

## Product Description

Sixteen 16 AWG triads stranded (7x24) tinned copper conductors, PVC insulation, PVC inner jacket, individual plus an overall Beldfoil® shield (100% coverage), aluminum interlocked armor, PVC outer jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

| AWG                                | Stranding | Material           | No. of Triads |
|------------------------------------|-----------|--------------------|---------------|
| 16                                 | 7x24      | TC - Tinned Copper | 16            |
| <b>Total Number of Conductors:</b> |           |                    | 48            |

#### Insulation:

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

#### Stranding:

| Lay Length |
|------------|
| Yes mm     |

#### Innerjacket:

| Material                 | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 1.25 in          |

### 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 | 18            | 7x26 mm                      |

### Outerjacket 1:

| Material                 | Nominal Diameter | Ripcord |
|--------------------------|------------------|---------|
| PVC - Polyvinyl Chloride | 1.64 in          | Yes     |

### Aarmor:

| Type of Armor     | Material |
|-------------------|----------|
| Interlocked Armor | Aluminum |

## Electrical Characteristics

### Conductor DCR:

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 4.2 Ohm/1000ft        | 6.2 Ohm/1000ft           |

### Voltage:

| Non-UL Description | Non-UL Voltage Rating |
|--------------------|-----------------------|
| CSA ACIC           | 300                   |

## Use

|                        |     |
|------------------------|-----|
| Suitability - Indoor:  | Yes |
| Suitability - Outdoor: | Yes |

## 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

## Part Number

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

## Standards

|                                   |                                  |
|-----------------------------------|----------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | CA Prop 65 (CJ for Wire & Cable) |
| 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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