



Part Number: 22636

300V CIC, (12 pr) 18 AWG (7x26) TC, PVC/PVC, Foil Shld

Product Description

Twelve 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 | 12 |
| Total Number of Conductors: | | | 24 |

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 | 0.92 in | 0.06 in | Yes | Polyester |

Electrical Characteristics

Conductor DCR:

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Outer Shield DCR |
|------------------------------------|-----------------------|--------------------------|
| 10.3 Ohm/1000ft | 6.7 Ohm/1000ft | 4.8 Ohm/1000ft |

Capacitance:

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

Current:

| Max. Recommended Current [A] |
|-------------------------------|
| 3.5 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 |

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: | 9.2 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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