



Part Number: 23508

300V ACIC, (6 triad) 18 AWG (7x26) TC, PVC/PVC/PVC, Foil Shld, Alum Armor

Product Description

Six 18 AWG triads stranded (7x26) tinned copper conductors, 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 |
|------------------------------------|-----------|--------------------|---------------|
| 18 | 7x26 | TC - Tinned Copper | 6 |
| Total Number of Conductors: | | | 18 |

Insulation:

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

Color Chart 2:

| Number | Number |
|--------|------------------------------------|
| 1 | Black & White & Red and Numbered 1 |
| 2 | Black & White & Red and Numbered 2 |
| 3 | Black & White & Red and Numbered 3 |
| 4 | Black & White & Red and Numbered 4 |
| 5 | Black & White & Red and Numbered 5 |
| 6 | Black & White & Red and Numbered 6 |

Stranding:

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

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 | |

Innerjacket:

| Material | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.75 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 | 1.11 in | Yes |

Armor:

| Type of Armor | Material | Diameter over Armoring |
|-------------------|----------|------------------------|
| Interlocked Armor | Aluminum | 1.01 mm |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 6.8 Ohm/1000ft | 10 Ohm/1000ft |

Capacitance:

| Nom.Mutual Capacitance | |
|------------------------|--|
| 27 pF/ft | |

Voltage:

| Description | Voltage Rating [V] |
|-------------|--------------------|
| CSA ACIC | 300 V |

Use

| | |
|----------------------------------|---------|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Max Recommended Pulling Tension: | 502 lbs |

Safety

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

Temperature Range

| | |
|--------------------------|------------------|
| Dry Temp Range: | -40°C To +105 °C |
| Installation Temp Range: | -25°C To +105 °C |
| Non-UL Temp Rating: | 105°C |
| Wet Temp Range: | -40°C To +75°C |

Mechanical Characteristics

| | |
|-----------------------------|---------|
| Min Bend Radius/Minor Axis: | 13.4 in |
|-----------------------------|---------|

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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