



Part Number: 28601AS

600V Tray, (8) 18 AWG (7x26) BC, PVC-NYL/PVC, Foil Shld, TC-ER

Product Description

Eight 18 AWG stranded (7x26) bare copper conductors, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Conductors |
|------------------------------------|-----------|------------------|-------------------|
| 18 | 7x26 | BC - Bare Copper | 8 |
| Total Number of Conductors: | | | 8 |

Insulation:

| Material |
|--------------------------------------|
| PVC/Nylon - Polyvinyl Chloride/Nylon |

Color Chart 1:

| Number | Color |
|--------|------------|
| 1 | Black |
| 2 | Red |
| 3 | Blue |
| 4 | Orange |
| 5 | Yellow |
| 6 | Brown |
| 7 | Red/Black |
| 8 | Blue/Black |

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 | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.395 in | 0.045 in | Yes |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 6.7 Ohm/1000ft |

Current:

| Max. Recommended Current [A] |
|-------------------------------|
| 4.8 Amps per conductor @ 25°C |

Voltage:

| UL Voltage Rating |
|-------------------------|
| 600 V RMS (NEC Type TC) |
| 150 V RMS (NPLF) |

Use

| | |
|------------------------------------|---------|
| Suitability - Burial: | Yes |
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Suitability - Sunlight Resistance: | Yes |
| Max Recommended Pulling Tension: | 176 lbs |

Safety

| | |
|---------------------|-------------------|
| C(UL) Flammability: | FT4 |
| IEEE Flammability: | 1202 |
| UL Flammability: | UL1685 UL Loading |

Temperature Range

| | |
|-----------------|------------------|
| Dry Temp Range: | -30 °C To +90 °C |
| Wet Temp Range: | -30 °C To +75 °C |

Mechanical Characteristics

| | |
|-----------------------------|--------|
| Min Bend Radius/Minor Axis: | 3.9 in |
|-----------------------------|--------|

Part Number

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

Standards

| | |
|-----------------------------------|----------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | CA Prop 65 (CJ for Wire & Cable) |
| MII Order #39 (China RoHS): | MII Order #39 (China RoHS) |
| NEC/(UL) Specification: | NEC/(UL) Specification |
| Other Specification: | Other Specification |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | EU CE Mark |

History

Product Variants

| Part Number | Color | Put-Up Type | Length |
|-----------------|-------|-------------|----------|
| 28601AS 0105000 | BLACK | Reel | 5000 ft |
| 28601AS01010000 | BLACK | Reel | 10000 ft |

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