



**Part Number:** 28609A

600V Tray, (19) 18 AWG (7x26) BC, PVC-NYL/PVC, TC-ER

## Product Description

Nineteen 18 AWG stranded (7x26) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

| AWG                                | Stranding | Material         | No. of Conductors |
|------------------------------------|-----------|------------------|-------------------|
| 18                                 | 7x26      | BC - Bare Copper | 19                |
| <b>Total Number of Conductors:</b> |           |                  | 19                |

#### 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   |
| 9      | Orange/Black |
| 10     | Yellow/Black |
| 11     | Brown/Black  |
| 12     | Black/Red    |
| 13     | Blue/Red     |
| 14     | Orange/Red   |
| 15     | Yellow/Red   |
| 16     | Brown/Red    |
| 17     | Black/Blue   |
| 18     | Red/Blue     |
| 19     | Orange/Blue  |

**Outershield 1:**

| Material   |
|------------|
| Unshielded |

**Outerjacket 1:**

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.57 in          | 0.06 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:   | 418 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: | 5.7 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  |
|----------------|-------|-------------|---------|
| 28609A 0105000 | BLACK | Reel        | 5000 ft |

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