



Part Number: 27609A

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

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 |
| Total Number of Conductors: | | | 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 | 0.566 in | 0.063 in | Yes |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 5.86 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 |
|----------------|-------|-------------|---------|
| 27609A 0105000 | BLACK | Reel | 5000 ft |

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