



Part Number: 28153A

600V Tray, (3) 6 AWG (7x14) BC+Grd, PVC-NYL/PVC, TC-ER

Product Description

Three 6 AWG stranded (7x14) bare copper conductors plus ground wire, PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| Element | AWG | Stranding | Material | No. of Conductors |
|------------------------------------|-----|-----------|------------------|-------------------|
| | 6 | 7x14 | BC - Bare Copper | 3 |
| Ground Wire | 8 | 7x16 | BC - Bare Copper | |
| Total Number of Conductors: | | | | 3 |

Insulation:

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

Color Chart 1:

| Number | Color |
|--------|----------------------|
| 1 | Black and Numbered 1 |
| 2 | Black and Numbered 2 |
| 3 | Black and Numbered 3 |

Stranding:

| Lay Length |
|------------|
| Y mm |

Outershield 1:

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

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.69 in | 0.06 in | Yes |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 0.4 Ohm/1000ft |

Current:

| Max. Recommended Current [A] |
|------------------------------|
| 78 Amps per conductor @ 25°C |

Voltage:

| UL Voltage Rating |
|-------------------|
| 600 V RMS |

Use

| | |
|------------------------------------|---------|
| Suitability - Burial: | Yes |
| Suitability - Sunlight Resistance: | Yes |
| Max Recommended Pulling Tension: | 925 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: | 6.8 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) |

History

Product Variants

| Part Number | Color | Put-Up Type | Length |
|-----------------|-------|-------------|----------|
| 28153A 01010000 | BLACK | Reel | 10000 ft |
| 28153A 0105000 | BLACK | Reel | 5000 ft |

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