



Part Number: 21518

600V Type TC/CIC, (20) 14 AWG (7x22) BC+Grd, XLPE/PVC

Product Description

Twenty 14 AWG stranded (7x22) bare copper conductors plus ground wire, cross-linked polyethylene insulation, PVC jacket.

Technical Specifications

Construction and Dimensions

Conductor:

| Element | AWG | Stranding | Material | No. of Conductors |
|-------------|-----|-----------|------------------|-------------------|
| | 14 | 7x22 | BC - Bare Copper | 20 |
| Ground Wire | 14 | 7x22 | BC - Bare Copper | |

Insulation:

| Material |
|-------------------------------------|
| XLPE - Cross Linked Polyethylene |
| FR-XLPE - Cross Linked Polyethylene |

Color Chart 1:

| Number | Color |
|--------|-----------------------|
| 1 | Black and Numbered 1 |
| 2 | Black and Numbered 2 |
| 3 | Black and Numbered 3 |
| 4 | Black and Numbered 4 |
| 5 | Black and Numbered 5 |
| 6 | Black and Numbered 6 |
| 7 | Black and Numbered 7 |
| 8 | Black and Numbered 8 |
| 9 | Black and Numbered 9 |
| 10 | Black and Numbered 10 |
| 11 | Black and Numbered 11 |
| 12 | Black and Numbered 12 |
| 13 | Black and Numbered 13 |
| 14 | Black and Numbered 14 |
| 15 | Black and Numbered 15 |
| 16 | Black and Numbered 16 |
| 17 | Black and Numbered 17 |
| 18 | Black and Numbered 18 |
| 19 | Black and Numbered 19 |
| 20 | Black and Numbered 20 |

Stranding:

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

Outershield 1:

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

Outerjacket 1:

| Material | Nominal Diameter | Ripcord |
|---|------------------|---------|
| FR PVC - Flame Retardant Polyvinyl Chloride | 0.9 in | Yes |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 2.52 Ohm/1000ft |

Voltage:

| Non-UL Description | Non-UL Voltage Rating |
|--------------------|-----------------------|
| CSA TC | 600 |

Use

| | |
|------------------------------------|----------|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Suitability - Sunlight Resistance: | Yes |
| Max Recommended Pulling Tension: | 1080 lbs |

Safety

| | |
|-------------------|-----|
| CSA Flammability: | FT4 |
|-------------------|-----|

Temperature Range

| | |
|--------------------------|----------------|
| Installation Temp Range: | -25°C To +90°C |
| Non-UL Temp Rating: | 90°C |
| Operating Temp Range: | -40°C To +90°C |

Mechanical Characteristics

| | |
|-----------------------------|------|
| Min Bend Radius/Minor Axis: | 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) |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |

History

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