



Part Number: 21505

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

Product Description

Seven 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 | 7 |
| Ground Wire | | | | |

Insulation:

| Material |
|-------------------------------------|
| 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 |

Stranding:

| Lay Length |
|------------|
| N mm |

Outersheild 1:

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

Outerjacket 1:

| Material | Nominal Diameter | Ripcord |
|---|------------------|---------|
| FR PVC - Flame Retardant Polyvinyl Chloride | 0.58 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: | 141 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: | 5.8 in |
|-----------------------------|--------|

Part Number

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

Standards

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

History

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