



**Part Number:** 21502

600V Type TC/CIC, (4) 14 AWG (7x22) BC+Grd, XLPE/PVC

## Product Description

Four 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 | 4                 |
| Ground Wire |     |           |                  |                   |

#### Insulation:

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

#### Color Chart 1:

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | Red   |
| 3      | Blue  |
| 4      | White |

#### Stranding:

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

#### Outershield 1:

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

#### Outerjacket 1:

| Material                                    | Nominal Diameter | Ripcord |
|---|------------------|---------|
| FR PVC - Flame Retardant Polyvinyl Chloride | 0.44 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:   | 205 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: | 4.4 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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