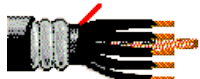


C5503 Multi-Conductor - 600V Teck90 Cable



For more Information
please call

1-800-Belden1



General Description:

14 AWG stranded (7x22) bare copper conductors, 14 AWG bare copper ground wire, aluminum interlocked armor, .030" (.76mm) XLPE insulation, PVC inner jacket, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 5 | 14 | 7x22 | BC - Bare Copper |

Total Number of Conductors: 5

Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 14

Ground Wire Stranding: 7x22

Ground Wire Conductor Material: BC - Bare Copper

Insulation

Insulation Material:

| Insulation Material |
|-------------------------------|
| XLP - Cross Linked Polyolefin |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.194 |

Outer Jacket Diameter:

| Nom. Dia. (mm) |
|----------------|
| 11.430 |

Outer Jacket over Armor (y/n): Y

Outer Jacket over Armor

Outer Jacket Material Over Armor:

| OJ Over Armor Material | Dia. (mm) |
|--------------------------|-----------|
| PVC - Polyvinyl Chloride | 19.583 |

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: .675

Overall Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|--------------------|
| 1-5 | Black and Numbered |

Mechanical Characteristics (Overall)

Installation Temperature Range: -25°C To +90°C

Wet Temperature Range: -40°C To +90°C

Dry Temperature Range: -40°C To +90°C

Bulk Cable Weight: 422.649 Kg/Km

Max. Recommended Pulling Tension: 889.640 N

Min. Bend Radius/Minor Axis: 234.950 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|--------------------|---|
| CSA Specification: | C22.2 #131; Hazardous Location; C22.2 #0.3 Clause 4.31 Low Acid Gas |
|--------------------|---|

| | |
|------------------------------------|-----|
| EU Directive 2011/65/EU (ROHS II): | Yes |
|------------------------------------|-----|

| | |
|--------------------------------|-----|
| EU Directive 2000/53/EC (ELV): | Yes |
|--------------------------------|-----|

| | |
|---------------------------------|-----|
| EU Directive 2002/95/EC (RoHS): | Yes |
|---------------------------------|-----|

| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2006 |
|---------------------------------------|------------|

| | |
|---------------------------------|-----|
| EU Directive 2002/96/EC (WEEE): | Yes |
|---------------------------------|-----|

| | |
|--------------------------------|-----|
| EU Directive 2003/11/EC (BFR): | Yes |
|--------------------------------|-----|

| | |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
|-----------------------------------|-----|

| | |
|-----------------------------|-----|
| MIL Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

Flame Test

| | |
|-----------------|-----|
| CSA Flame Test: | FT4 |
|-----------------|-----|

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
|---------------------|

| |
|--------|
| 8.5306 |
|--------|

Max. Operating Voltage - Non-UL:

| |
|---------|
| Voltage |
|---------|

| |
|-----------|
| 600 V RMS |
|-----------|

Max. Recommended Current:

| |
|---------|
| Current |
|---------|

| |
|------------------------------|
| 12 Amps per conductor @ 25°C |
|------------------------------|

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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