

27109R Multi-Conductor - 600V Type TC Cable

For more Information please call

1-800-Belden1



Description:

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 12 | 7x20 | TC - Tinned Copper |

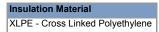
Ground Wire

Ground Wire (Y/N):

Ν

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

| Outer Shield | Material |
|---------------------|----------|
| Unshielded | |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) | | |
|--------------------------------|---------------------------|--|--|
| CPE - Chlorinated Polyethylene | .045 | | |

Overall Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |

Overall Nominal Diameter: 0.245 x 0.400 in.

Mechanical Characteristics (Overall)

| Wet Temperature Range: | -30°C To +90°C |
|--|----------------|
| Dry Temperature Range: | -30°C To +90°C |
| Max. Recommended Pulling Tension: | 173 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 4 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| NEC/(UL) Specification: | TC, UL 1277 |
|---------------------------------------|-------------|
| EU CE Mark: | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 09/08/2006 |

Detailed Specifications & Technical Data





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| | EU Directive 2002/96/EC (WEEE): | Yes |
|-----|-----------------------------------|-----------------------------------|
| | EU Directive 2003/11/EC (BFR): | Yes |
| | CA Prop 65 (CJ for Wire & Cable): | Yes |
| | MII Order #39 (China RoHS): | Yes |
| | Other Specification: | ICEA S-73-532, S-95-658, S-66-524 |
| Fla | ame Test | |
| | UL Flame Test: | UL1685 UL Loading |
| | CSA Flame Test: | FT4 |
| | IEEE Flame Test: | 1202 |
| | ICEA Flame Test: | T-29-520 |
| | Other Flame Test: | VW-1 rated Conductors |
| Sı | itability | |
| | Suitability - Indoor: | Yes |
| | Suitability - Outdoor: | Yes |
| | Sunlight Resistance: | Yes |
| PI | enum/Non-Plenum | |
| | Plenum (Y/N): | No |

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 600 V RMS

Max. Recommended Current:

Current 30 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



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ENGLISH MEASUREMENT VERSION



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