Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



28969 Multi-Conductor - 600V Type MC Metal Clad Cable



For more Information please call

1-800-Belden1

Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|---------------------------|
| 19 | 14 | 7x22 | BC - Bare Copper |

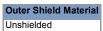
Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) | | |
|----------------------------------|----------------------|--|--|
| XLPE - Cross Linked Polyethylene | .030 | | |

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket over Armor (y/n):

Outer Jacket over Armor

Outer Jacket Material over Armor (y/n): PVC

Outer Jacket Wall Thickness Over Armor: .050

Armor

| Armor Type: | Interlocked |
|----------------------|-------------|
| Armor Material: | Steel |
| Diameter over Armor: | 1.00 |

Overall Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|--------------|
| 1 | Black |
| 2 | Red |
| 3 | Blue |
| 4 | Orange |
| 5 | Yellow |
| 6 | Brown |
| 7 | Red/Black |
| 8 | Blue/Black |
| 9 | Orange/Black |
| 10 | Yellow/Black |
| 11 | Brown/Black |
| 12 | Black/Red |
| 13 | Blue/Red |
| 14 | Orange/Red |
| 15 | Yellow/Red |
| 16 | Brown/Red |
| 17 | Black/Blue |
| 18 | Red/Blue |
| 19 | Orange/Blue |

Overall Nominal Diameter:

1.110 in.

Detailed Specifications & Technical Data





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| Med | echanical Characteristics (Overall) | | |
|-----|--|------------------|--|
| | Operating Temperature Range: | -40°C To +90°C | |
| | Wet Temperature Range: | -40°C To +90°C | |
| | Dry Temperature Range: | -40°C To +90°C | |
| | Bulk Cable Weight: | 559 lbs/1000 ft. | |
| | Max. Recommended Pulling Tension: | 610 lbs. | |
| | Min. Bend Radius (Install)/Minor Axis: | 12.100 in. | |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: MC, XHHW-2 Singles, UL1569

Flame Test

UL Flame Test: UL1685 UL Loading

Suitability

Suitability - Burial: Yes

Sunlight Resistance: Yes

Plenum/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

7.5 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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