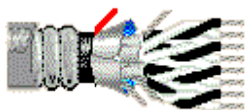


## 25517 Multi-Conductor - 600V ACIC Armored Cable



For more Information  
please call

1-800-Belden1

**Description:**

18 AWG pairs stranded (7x26) tinned copper conductors, individual Beldfoil® plus a polyester isolation tape, PVC insulation, PVC inner jacket, overall Beldfoil shield (100% coverage), interlocked armor, PVC outer jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 24      | 18  | 7x26      | TC - Tinned Copper |

**Insulation**

Insulation Material:

| Insulation Material      | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .030                 |

**Separator**

Separator Material: Polyester

**Inner Shield**

Inner Shield Material:

| Inner Shield Trade Name | Type | Inner Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

Inner Shield Drain Wire AWG:

| AWG |
|-----|
| 20  |

Inner Shield Drain Wire Stranding: 7x28

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Inner Jacket**

Inner Jacket Material:

| Inner Jacket Material    | Nom. Dia. (in.) |
|--------------------------|-----------------|
| PVC - Polyvinyl Chloride | 1.36            |

Inner Jacket Ripcord: Yes

**Outer Shield**

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 18  | 7x26      | TC - Tinned Copper            |

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material    |
|--------------------------|
| PVC - Polyvinyl Chloride |

Outer Jacket Diameter:

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Nom. Dia. (in.)

1.75

Outer Jacket Ripcord: Yes

**Armor**

Armor Type: Interlocked

Armor Material: Steel

**Overall Cable**

Overall Cabling Separator Material: Mylar®

Overall Nominal Diameter: 1.750 in.

**Pair****Pair Color Code Chart:**

| Number | Color                         |
|--------|-------------------------------|
| 1      | Black & White and Numbered 1  |
| 2      | Black & White and Numbered 2  |
| 3      | Black & White and Numbered 3  |
| 4      | Black & White and Numbered 4  |
| 5      | Black & White and Numbered 5  |
| 6      | Black & White and Numbered 6  |
| 7      | Black & White and Numbered 7  |
| 8      | Black & White and Numbered 8  |
| 9      | Black & White and Numbered 9  |
| 10     | Black & White and Numbered 10 |
| 11     | Black & White and Numbered 11 |
| 12     | Black & White and Numbered 12 |
| 13     | Black & White and Numbered 13 |
| 14     | Black & White and Numbered 14 |
| 15     | Black & White and Numbered 15 |
| 16     | Black & White and Numbered 16 |
| 17     | Black & White and Numbered 17 |
| 18     | Black & White and Numbered 18 |
| 19     | Black & White and Numbered 19 |
| 20     | Black & White and Numbered 20 |
| 21     | Black & White and Numbered 21 |
| 22     | Black & White and Numbered 22 |
| 23     | Black & White and Numbered 23 |
| 24     | Black & White and Numbered 24 |

**Mechanical Characteristics (Overall)**

Installation Temperature Range: -25°C To +105°C

Wet Temperature Range: -40°C To +75°C

Dry Temperature Range: -40°C To +105°C

Bulk Cable Weight: 1674 lbs/1000 ft.

Max. Recommended Pulling Tension: 1400 lbs.

Min. Bend Radius (Install)/Minor Axis: 21 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

CSA Specification: C22.2#239, Type ACIC, C22.2#174, HLABCD, C22.2#0.3, Clause 4.31 Low Acid Test

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

## 25517 Multi-Conductor - 600V ACIC Armored Cable

|                                   |               |
|-----------------------------------|---------------|
| EU Directive 2003/11/EC (BFR):    | Yes           |
| CA Prop 65 (CJ for Wire & Cable): | Yes           |
| MII Order #39 (China RoHS):       | Yes           |
| Other Specification:              | Low Acid Test |

## Flame Test

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

## Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

## Nom. Conductor DC Resistance:

| Description | DCR @ 20°C (Ohm/1000 ft) |
|-------------|--------------------------|
| 18 AWG      | 5.86                     |
| 22 AWG      | 14.7                     |

## Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 4.3                      |

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: | 10.300 Ohm/1000 ft |
|-----------------------------------------------------|--------------------|

## Max. Operating Voltage - Other:

| Voltage | Description |
|---------|-------------|
| 600     | CEC ACIC    |

## Max. Recommended Current:

| Current                       |
|-------------------------------|
| 2.5 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 |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

Revision Number: 1      Revision Date: 05-14-2007

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