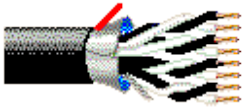


For more Information  
please call

1-800-Belden1



### Description:

18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 36      | 18  | 7x26      | BC - Bare Copper   |

Total Number of Conductors: 72

#### Insulation

##### Insulation Material:

| Insulation Material                  |
|--------------------------------------|
| PVC/Nylon - Polyvinyl Chloride/Nylon |

#### 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    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 2.1336                   |

Outer Jacket Ripcord: Yes

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

| Length (mm) |
|-------------|
| 350.51862   |

Overall Nominal Diameter: 29.972 mm

#### Pair

##### Pair Color Code Chart:

| Number | Color                     |
|--------|---------------------------|
| 1      | Black & White Numbered 1  |
| 2      | Black & White Numbered 2  |
| 3      | Black & White Numbered 3  |
| 4      | Black & White Numbered 4  |
| 5      | Black & White Numbered 5  |
| 6      | Black & White Numbered 6  |
| 7      | Black & White Numbered 7  |
| 8      | Black & White Numbered 8  |
| 9      | Black & White Numbered 9  |
| 10     | Black & White Numbered 10 |

|    |                           |
|----|---------------------------|
| 11 | Black & White Numbered 11 |
| 12 | Black & White Numbered 12 |
| 13 | Black & White Numbered 13 |
| 14 | Black & White Numbered 14 |
| 15 | Black & White Numbered 15 |
| 16 | Black & White Numbered 16 |
| 17 | Black & White Numbered 17 |
| 18 | Black & White Numbered 18 |
| 19 | Black & White Numbered 19 |
| 20 | Black & White Numbered 20 |
| 21 | Black & White Numbered 21 |
| 22 | Black & White Numbered 22 |
| 23 | Black & White Numbered 23 |
| 24 | Black & White Numbered 24 |
| 25 | Black & White Numbered 25 |
| 26 | Black & White Numbered 26 |
| 27 | Black & White Numbered 27 |
| 28 | Black & White Numbered 28 |
| 29 | Black & White Numbered 29 |
| 30 | Black & White Numbered 30 |
| 31 | Black & White Numbered 31 |
| 32 | Black & White Numbered 32 |
| 33 | Black & White Numbered 33 |
| 34 | Black & White Numbered 34 |
| 35 | Black & White Numbered 35 |
| 36 | Black & White Numbered 36 |

**Pair Lay Length & Direction:**

| Lay Length (mm) |
|-----------------|
| 63.49975        |
| 69.849725       |

### Mechanical Characteristics (Overall)

|  |                |
|--|----------------|
| <b>Wet Temperature Range:</b>            | -30°C To +75°C |
| <b>Dry Temperature Range:</b>            | -30°C To +90°C |
| <b>Bulk Cable Weight:</b>                | 1078.940 Kg/Km |
| <b>Max. Recommended Pulling Tension:</b> | 7272.810 N     |
| <b>Min. Bend Radius/Minor Axis:</b>      | 297.180 mm     |

### Applicable Specifications and Agency Compliance (Overall)

**Applicable Standards & Environmental Programs**

|  |                         |
|--|-------------------------|
| <b>NEC/(UL) Specification:</b>               | NPLF, TC                |
| <b>EU CE Mark:</b>                           | Yes                     |
| <b>EU Directive 2000/53/EC (ELV):</b>        | Yes                     |
| <b>EU Directive 2002/95/EC (RoHS):</b>       | Yes                     |
| <b>EU RoHS Compliance Date (mm/dd/yyyy):</b> | 04/01/2005              |
| <b>EU Directive 2002/96/EC (WEEE):</b>       | Yes                     |
| <b>EU Directive 2003/11/EC (BFR):</b>        | Yes                     |
| <b>CA Prop 65 (CJ for Wire &amp; Cable):</b> | Yes                     |
| <b>MIL Order #39 (China RoHS):</b>           | Yes                     |
| <b>Other Specification:</b>                  | ICEA S-73-532, S-61-402 |

**Flame Test**

|                       |                   |
|-----------------------|-------------------|
| <b>UL Flame Test:</b> | UL1685 UL Loading |
|-----------------------|-------------------|

METRIC MEASUREMENT VERSION

## 1087A Multi-Conductor - 600V Tray Cable

|                          |      |
|--------------------------|------|
| <b>C(UL) Flame Test:</b> | FT4  |
| <b>IEEE Flame Test:</b>  | 1202 |

### Suitability

|                              |     |
|------------------------------|-----|
| <b>Suitability - Burial:</b> | Yes |
| <b>Sunlight Resistance:</b>  | Yes |

### Plenum/Non-Plenum

|                      |    |
|----------------------|----|
| <b>Plenum (Y/N):</b> | No |
|----------------------|----|

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/km)**

19.2267

### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/km)**

13.4521

### Max. Operating Voltage - UL:

**Voltage**

600 V RMS (NEC Type TC)

150 V RMS (NPLF)

## Notes (Overall)

**Notes:** Alternate color coding available upon request.

## Put Ups and Colors:

| Item #        | Putup  | Ship Weight | Color | Notes | Item Desc             |
|---------------|--------|-------------|-------|-------|-----------------------|
| 1087A 0101250 | 381 MT | 455.862 KG  | BLACK | C Z   | 18/36 PR VNTC OS 600V |

### Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1    Revision Date: 06-16-2011

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