



**Part Number:** 1035A

300V, (1 pr) 16 AWG (7x24) BC, PVC/PVC, PLTC-ER, CMG

## Product Description

One 16 AWG pair stranded (7x24) bare copper conductors, twisted pairs, PVC insulation, PVC jacket.

## Product Specifications

### AG.Filter Attributes

|                             |   |
|-----------------------------|---|
| Total Number of Conductors: | 2 |
|-----------------------------|---|

### CCB-Sub-Part Number

|               |   |
|---------------|---|
| Print Legend: | LEGEND: BELDEN 1035A E34972 1PR16 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES OR AWM 2464 80C 300V OR C(UL) CMG —FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET |
|---------------|---|

## Technical Specifications

### AG\_0401

|                  |                    |
|------------------|--------------------|
| UL Flammability: | UL1685 FT4 Loading |
|------------------|--------------------|

|                   |     |
|-------------------|-----|
| CSA Flammability: | FT4 |
|-------------------|-----|

### APAC Standard

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

### Applicable Patents

|         |   |
|---------|---|
| Patent: | <a href="http://www.belden.com/p">http://www.belden.com/p</a> |
|---------|---|

## Bend Radius

|                             |        |
|-----------------------------|--------|
| Min Bend Radius/Minor Axis: | 2.6 in |
|-----------------------------|--------|

## CCB-Sub-Part Number

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

## Contact Information

|            |               |
|------------|---------------|
| PHONE_NUM: | 1-800-Belden1 |
|------------|---------------|

## EU Directive

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

|             |     |
|-------------|-----|
| EU CE Mark: | Yes |
|-------------|-----|

## North American Standard

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

|                          |     |
|--------------------------|-----|
| CEC/C(UL) Specification: | CMG |
|--------------------------|-----|

|                         |                |
|-------------------------|----------------|
| NEC/(UL) Specification: | CMG, ITC, PLTC |
|-------------------------|----------------|

|               |                             |
|---------------|-----------------------------|
| UL AWM Style: | UL Style 2464 (300 V 105°C) |
|---------------|-----------------------------|

## Safety

|                    |      |
|--------------------|------|
| IEEE Flammability: | 1202 |
|--------------------|------|

## Use

|                                    |     |
|------------------------------------|-----|
| Suitability - Sunlight Resistance: | Yes |
|------------------------------------|-----|

|                                  |          |
|----------------------------------|----------|
| Max Recommended Pulling Tension: | 71.4 lbs |
|----------------------------------|----------|

## Conductor DCR:

### Nominal Conductor DCR

|                |
|----------------|
| 3.7 Ohm/1000ft |
|----------------|

## Color Chart 1:

| Number | Color         |
|--------|---------------|
| 1      | Black & White |

## Voltage:

**UL Voltage Rating**

300 V RMS V

**Insulation:****Material**

PVC - Polyvinyl Chloride

**Outerjacket 1:**

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord  |
|--------------------------|------------------|------------------------|----------|
| PVC - Polyvinyl Chloride |                  | 0.254 in               | 0.037 in |
|                          |                  |                        | Yes      |

**Conductor:**

| AWG | Stranding | Material         | No. of Pairs |
|-----|-----------|------------------|--------------|
| 16  | 7x24      | BC - Bare Copper | 1            |

**Outersield 1:****Material**

Unshielded

**Product Variants**

| Part Number    | Color | Put-Up Type | Length   |
|----------------|-------|-------------|----------|
| 1035A          |       |             |          |
| 1035A          | BLACK | Reel        | 3048 m   |
| 1035A 01010000 | BLACK | Reel        | 10000 ft |
| 1035A          |       |             |          |
| 1035A          | BLACK | Reel        | 305 m    |
| 1035A 0101000  | BLACK | Reel        | 1000 ft  |
| 1035A          |       |             |          |
| 1035A          | BLACK | Reel        | 305 m    |
| 1035A          |       |             |          |

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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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