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please call

1-800-Belden1



### General Description:

16 AWG pairs stranded (7x24) 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
1	16	7x24	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.762

#### Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (mm)
PVC - Polyvinyl Chloride	8.636

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:

Nom. Dia. (mm)
16.256

Outer Jacket Ripcord: Yes

#### Armor

Armor Type: Interlocked

Armor Material: Aluminum

#### Overall Cable

Overall Cabling Separator Material: Polyester

Overall Nominal Diameter: 16.256 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & White

### 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

## 24500 Multi-Conductor - 600V ACIC Armored Cable

<b>Bulk Cable Weight:</b>	254.482 Kg/Km
<b>Max. Recommended Pulling Tension:</b>	418.131 N
<b>Min. Bend Radius/Minor Axis:</b>	195.580 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>CSA Specification:</b>	C22.2#239, Type ACIC, C22.2#174, HLABCD, C22.2#0.3, Clause 4.31 Low Acid Test
<b>EU Directive 2011/65/EU (ROHS II):</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>	01/01/2006
<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>MII Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	Low Acid Test

#### Flame Test

<b>CSA Flame Test:</b>	FT4
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#### Suitability

<b>Sunlight Resistance:</b>	Yes
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#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/km)
16 AWG	13.7802
22 AWG	48.2307

<b>Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:</b>	21.983 Ohm/km
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#### Max. Operating Voltage - Other:

Voltage	Description
600	CEC ACIC

### Put Ups and Colors:

No put ups and colors are available for this product

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

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