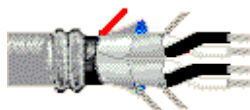


24512 Multi-Conductor - 600V ACIC Armored Cable



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
2	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	.51

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.)

.82

Outer Jacket Ripcord: Yes

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Overall Cable

Overall Cabling Separator Material: Mylar®

Overall Nominal Diameter: 0.820 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2

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: 238 lbs/1000 ft.

Max. Recommended Pulling Tension: 137 lbs.

Min. Bend Radius (Install)/Minor Axis: 9.850 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

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

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

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