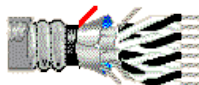


23525 Multi-Conductor - 300V ACIC Armored Cable



For more Information
please call

1-800-Belden1



General Description:

16 AWG pairs stranded (7x24) tinned copper conductors, individual Beldfoil® plus a polyester isolation tape, overall Beldfoil shield (100% coverage), PVC insulation, PVC inner jacket, interlocked armor, PVC outer jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
12	16	7x24	TC - Tinned Copper

Total Number of Conductors: 24

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.635

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
18

Inner Shield Drain Wire Stranding: 7x26

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom Wall (mm)	Nom. Dia. (mm)
PVC - Polyvinyl Chloride	2.108	25.552

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
16	7x24	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Outer Jacket over Armor (y/n): Y

Armor

Armor Type: Interlocked Armor

Armor Material: Aluminum

Diameter over Armor: 1.266

Overall Cable

Overall Nominal Diameter: 34.798 mm

Mechanical Characteristics (Overall)

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

23525 Multi-Conductor - 300V ACIC Armored Cable

Wet Temperature Range:	-40°C To +75°C
Dry Temperature Range:	-40°C To +105°C
Non-UL Temperature Rating:	150°C
Bulk Cable Weight:	1302.175 Kg/Km
Max. Recommended Pulling Tension:	889.640 N
Min. Bend Radius/Minor Axis:	419.100 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification:	C22.2 #239 Type ACIC, C22.2 #174 HL BCD
EU Directive 2011/65/EU (ROHS II):	Yes
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
MIL Order #39 (China RoHS):	Yes

Flame Test

C(UL) Flame Test:	FT4
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Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
13.7802

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
13.124

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 32.810 Ohm/km

Max. Operating Voltage - Non-UL:

Voltage	Description
300	CEC ACIC

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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