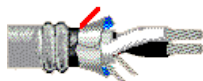


24511 Multi-Conductor - 600V ACIC Armored Cable



For more Information
please call

1-800-Belden1

**General 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
1	18	7x26	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	8.128

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
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (mm)
15.494

Outer Jacket Ripcord:

Yes

Armor

Armor Type:

Interlocked

Armor Material:

Aluminum

Overall Cable

Overall Nominal Diameter:

15.494 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

Bulk Cable Weight:

229.183 Kg/Km

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Max. Recommended Pulling Tension:	255.327 N
Min. Bend Radius/Minor Axis:	185.420 mm

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 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
MII Order #39 (China RoHS):	Yes
Other Specification:	Low Acid Test

Flame Test

CSA Flame Test:	FT4
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Plenum/Non-Plenum

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

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/km)
18 AWG	19.2267
22 AWG	48.2307

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
14.1083

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 33.794 Ohm/km

Max. Operating Voltage - Other:

Voltage	Description
600	CEC ACIC

Max. Recommended Current:

Current
2.5 Amps per conductor @ 25°C

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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