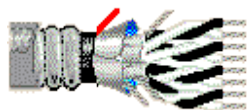


25518 Multi-Conductor - 600 V ACIC Armored Cable



For more Information
please call

1-800-Belden1

**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
12	16	7x24	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
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. Dia. (in.)
PVC - Polyvinyl Chloride	1.09

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
16	7x24	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

25518 Multi-Conductor - 600 V ACIC Armored Cable

Nom. Dia. (in.)

1.46

Outer Jacket Ripcord: Yes

Armor

Armor Type: Interlocked

Armor Material: Steel

Overall Cable

Overall Cabling Separator Material: Mylar®

Overall Nominal Diameter: 1.460 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Black & White and Numbered 3
4	Black & White and Numbered 4
5	Black & White and Numbered 5
6	Black & White and Numbered 6
7	Black & White and Numbered 7
8	Black & White and Numbered 8
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12

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: 1280 lbs/1000 ft.

Max. Recommended Pulling Tension: 1161 lbs.

Min. Bend Radius (Install)/Minor Axis: 17.500 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

Suitability

Sunlight Resistance: Yes

25518 Multi-Conductor - 600 V ACIC Armored Cable

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
16 AWG	4.2
22 AWG	14.7

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 6.700 Ohm/1000 ft

Max. Operating Voltage - Other:

Voltage	Description
600	CEC ACIC

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

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

© 2012 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.