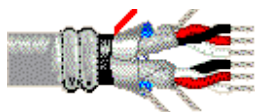


23508 Triad - 300V ACIC Armored Cable



For more Information
please call

1-800-Belden1

**Description:**

18 AWG triads stranded (7x26) tinned copper conductors, individual Beldfoil plus a polyester isolation tape, PVC insulation, PVC inner jacket, overall Beldfoil shield (100% coverage), drain wires, interlocked armor, PVC outer jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Triads	AWG	Stranding	Conductor Material
6	18	7x26	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

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
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Shield Color Code Chart:

Number	Color
1	Black & White & Red and Numbered 1
2	Black & White & Red and Numbered 2
3	Black & White & Red and Numbered 3
4	Black & White & Red and Numbered 4
5	Black & White & Red and Numbered 5
6	Black & White & Red and Numbered 6

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.75

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 Ripcord: Yes

Outer Jacket over Armor (y/n): Y

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: 1.01

Overall Cable

Overall Nominal Diameter: 1.110 in.

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

Non-UL Temperature Rating: 105°C

Bulk Cable Weight: 535 lbs/1000 ft.

Max. Recommended Pulling Tension: 502 lbs.

Min. Bend Radius (Install)/Minor Axis: 13.400 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

CSA Specification: C22.2#239, Type ACIC, C22.2#174, HLBCD, 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

Flame Test

C(UL) Flame Test: FT4

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)**Nom. Mutual Capacitance:**

Capacitance (pF/ft)

27

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

23508 Triad - 300V ACIC Armored Cable

6.8

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10

Max. Operating Voltage - Other:

Voltage Description

300 CSA 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.