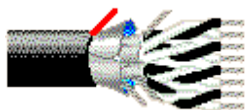


22412 Multi-Conductor - 600V CIC



For more Information
please call

1-800-Belden1

**Description:**

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

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

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

Insulation**Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

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

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	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.080

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 1.090 in.

Pair**Pair Color Code Chart:**

Color
Black and White with Numbers

Mechanical Characteristics (Overall)

Installation Temperature Range:	-25°C
Operating Temperature Range:	-40°C To (+105°C Dry, +75°C Wet)
Bulk Cable Weight:	1235 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	11 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CSA Specification:	C22.2#239 Type CIC, 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

CSA Flame Test:	FT4
-----------------	-----

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.2

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	6.500 Ohm/1000 ft
---	-------------------

Max. Operating Voltage - UL:

Voltage

600 V RMS

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.

