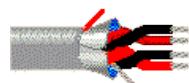


Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

BELDEN
SENDING ALL THE RIGHT SIGNALS



9512 Multi-Conductor - 300V Power-Limited Tray Cable

For more Information
please call

1-800-Belden1



General Description:

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	7x30	TC - Tinned Copper

Total Number of Conductors:

4

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

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
22	7x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.042

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Nominal Diameter:

0.295 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red and Numbered
2	Black & Red and Numbered

Mechanical Characteristics (Overall)

Operating Temperature Range:

-30°C To +105°C

UL Temperature Rating:

105°C

Bulk Cable Weight:

37 lbs/1000 ft.

Max. Recommended Pulling Tension:

20 lbs.

Min. Bend Radius/Minor Axis:

3 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:

CMG, ITC-ER, PLTC-ER

CEC/C(UL) Specification:

CMG

AWM Specification:

UL Style 2464 (300 V 80°C)

EU Directive 2011/65/EU (ROHS II):

Yes

EU CE Mark:

Yes

EU Directive 2000/53/EC (ELV):

Yes

Detailed Specifications & Technical Data



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EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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

UL Flame Test:	UL1685 Vertical Tray Flame Test
CSA Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μ H/ft)
.21

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
26

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
45

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15

Max. Operating Voltage - UL:

Voltage
300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9512 0601000	1,000 FT	42.000 LB	CHROME	C	2 PR #22 PVC FS PVC
9512 060500	500 FT	22.000 LB	CHROME	C	2 PR #22 PVC FS PVC
9512 0605000	5,000 FT	210.000 LB	CHROME	C Z	2 PR #22 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3 Revision Date: 10-21-2014

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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