Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





9330 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, individually shielded, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
4	22	7x30	TC - Tinned Copper

Total Number of Conductors: 8

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.5748

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:

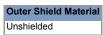


Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)		
PVC - Polyvinyl Chloride	1.0668		

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Direction Left-hand Lay

Overall Nominal Diameter: 9.449 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red and Numbered 1
2	Black & Red and Numbered 2
3	Black & Red and Numbered 3

Page 1 of 3 01-30-2019

Detailed Specifications & Technical Data





9330 Multi-Conductor - 300V Power-Limited Tray Cable

4 Black & Red and Numbered 4

Oneveting Temperature Deserve	20°C To 1405°C				
Operating Temperature Range:	-30°C To +105°C				
Bulk Cable Weight:	107.150 Kg/Km				
Max. Recommended Pulling Tension:	489.302 N				
Min. Bend Radius/Minor Axis:	93.980 mm				
oplicable Specifications and Agency Compliance (Overall)					
pplicable Standards & Environmental Prog	rams				
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				
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				
lame Test					
UL Flame Test:	UL1685 FT4 Loading				
C(UL) Flame Test:	FT4				
IEEE Flame Test:	1202				
uitability					
Suitability - Indoor:	Yes				
Suitability - Outdoor:	Yes				
Suitability - Burial:	Yes				
Sunlight Resistance:	Yes				
lenum/Non-Plenum					
Plenum (Y/N):	No				
urface Printing (Overall)					
Surface Printing:	LEGEND: BELDEN 9330 E34972 4PR22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMGFT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET				

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.68901

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m) 147.645

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

Page 2 of 3 01-30-2019

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9330 Multi-Conductor - 300V Power-Limited Tray Cable

85.306

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 49.215

Ind. Pair Nominal Shield DC Resistance @ 20

249.356 Ohm/km

Deg. C:

Max. Operating Voltage - UL:

Voltage 300 V RMS (PLTC CMG) 150 V RMS (ITC)

Max. Recommended Current:

Current

3.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9330 0601000	1,000 FT	72.000 LB	CHROME	С	4 FSPR #22 PVC PVC
9330 060500	500 FT	37.500 LB	CHROME	С	4 FSPR #22 PVC PVC
9330 0605000	5,000 FT	390.000 LB	CHROME	Z	4 FSPR #22 PVC 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: 10-27-2014

© 2019 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. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

Page 3 of 3 01-30-2019