Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





9329 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		
3	22	7x30	TC - Tinned Copper		

Total Number of Conductors: 6

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:

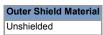


Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

I	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: 8.661 mm

Pair

Pair Color Code Chart:

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

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3 Black & Red and Numbered 3

Mechanical Characteristics (Overall)					
Operating Temperature Range:	-30°C To +105°C				
Bulk Cable Weight:	89.292 Kg/Km				
Max. Recommended Pulling Tension:	240.203 N				
Min. Bend Radius/Minor Axis:	88.900 mm				
pplicable Specifications and Agency Compliance (Overall)					
Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER				
CEC/C(UL) Specification:	CMG				
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				
Flame Test					
UL Flame Test:	UL1685 FT4 Loading				
C(UL) 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				
Surface Printing (Overall)					
Surface Printing:	LEGEND: BELDEN 9329 E34972 3PR22 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) 85.306

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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 49.215

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

249.356 Ohm/km

Max. Operating Voltage - UL:

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

Max. Recommended Current:

3.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9329 0601000	1,000 FT	60.000 LB	CHROME	С	3 #22 FS PR PVC PVC
9329 060500	500 FT	29.500 LB	CHROME	С	3 #22 FS PR PVC PVC
9329 0605000	5,000 FT	305.000 LB	CHROME	Z	3 #22 FS PR PVC PVC

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

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