



**Part Number: 9328**

300V PLTC, (2 pr) 22 AWG (7x30) TC, PVC/PVC, Individual Shld, CMG

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## Product Description

Two 22 AWG pair stranded (7x30) tinned copper conductors, PVC insulation, Individual Beldfoil® shield (100% coverage), PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	2

Conductor Count:	4
Total Number of Pairs:	2
Total Number of Triads:	N/A
Conductor Size:	22 AWG

#### Insulation

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.062 in

#### Color Chart

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

#### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	22	7x30 mm

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.323 in	0.042 in	Yes

## Construction and Dimensions

#### Cabling

Lay Direction
Left-hand Lay

Print Legend: LEGEND: BELDEN 9328 E34972 2PR22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET

## Electrical Characteristics

#### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
76 Ohm/1000ft	15 Ohm/1000ft

## Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
30 pF/ft	54 pF/ft

Shielding:	Individually Foiled + No Overall
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## Inductance

Nominal Inductance
0.21 $\mu$ H/ft

## Current

Max. Recommended Current [A]
3.8 Amps per conductor @ 25°C

## Voltage

UL Voltage Rating
300 V RMS
150 V RMS (ITC)

## Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

## Mechanical Characteristics

Bulk Cable Weight:	46 lbs/1000ft
Max Recommended Pulling Tension:	54 lbs
Min Bend Radius/Minor Axis:	3 in

## Standards

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
UL AWM Style:	2464

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

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

## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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Variants

Item #	Color	Footnote
9328 0601000	Chrome	C
9328 060500	Chrome	C
9328 0605000	Chrome	Z

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

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