



**Part Number: 9333**

300V PLTC, (11 pr) 22 AWG (7x30) TC, PVC/PVC, Individual Shld, CMG

## Product Description

Eleven 22 AWG pairs 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	11

Conductor Count:	22
Total Number of Pairs:	11
Total Number of Triads:	N/A
AWG Size:	22

#### 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
3	Black & Red and Numbered 3
4	Black & Red and Numbered 4
5	Black & Red and Numbered 5
6	Black & Red and Numbered 6
7	Black & Red and Numbered 7
8	Black & Red and Numbered 8
9	Black & Red and Numbered 9
10	Black & Red and Numbered 10
11	Black & Red and Numbered 11

#### 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
					TC - Tinned Copper	

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.592 in	0.053 in	Yes

### 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
26 pF/ft	45 pF/ft

#### Inductance

Nominal Inductance
0.21 $\mu$ H/ft

#### Current

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

#### Voltage

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

#### Temperature Range

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

#### Mechanical Characteristics

Bulk Cable Weight:	160 lbs/1000ft
Max Recommended Pulling Tension:	160 lbs
Min Bend Radius/Minor Axis:	5.9 in

#### Standards

NEC/(UL) Specification:	CMG, PLTC-ER, ITC-ER
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300 V 80°C)
CSA AWM Specification:	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, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
IEEE Flammability:	1202

#### Part Number

Plenum (Y/N):	No
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**Variants**

Item #	Color	Footnote
9333 0601000	CHROME	C
9333 060500	CHROME	C

Footnote:	C - CRATE REEL PUT-UP.
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