



**Part Number:** 9333  
300V Power-Limited Tray Cable

## Product Description

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	11
<b>Total Number of Conductors:</b>			22

#### Insulation:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.062 mm

#### Color Chart 1:

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 1

#### Innershield:

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

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.53 mm	0.053 mm	Yes

<b>Print Legend:</b>	LEGEND: BELDEN 9333 E34972 11PR22 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
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## Electrical Characteristics

#### Conductor DCR:

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

#### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
26 pF/m	45 pF/m

#### Current:

#### Max. Recommended Current [A]

2.4 Amps per conductor @ 25°C

#### Inductance:

##### Nominal Inductance

0.21 µH/m

#### Voltage:

##### UL Voltage Rating

300V RMS (PLTC

CMG)

150V RMS (ITC)

#### Use

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	160 lbs

#### Safety

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

#### Temperature Range

Operating Temp Range:	-30°C To +105°C
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#### Mechanical Characteristics

Min Bend Radius/Minor Axis:	5.9 in
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#### Part Number

Plenum (Y/N):	No
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#### Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG

<b>MII Order #39 (China RoHS):</b>	Yes
<b>NEC/(UL) Specification:</b>	CMG^ITC^PLTC
<b>UL AWM Style:</b>	UL Style 2464 (300V 80°C)
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	Yes

## History

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