# **Detailed Specifications & Technical Data**

### **METRIC MEASUREMENT VERSION**



# 9335 Multi-Conductor - 300V Power-Limited Tray Cable



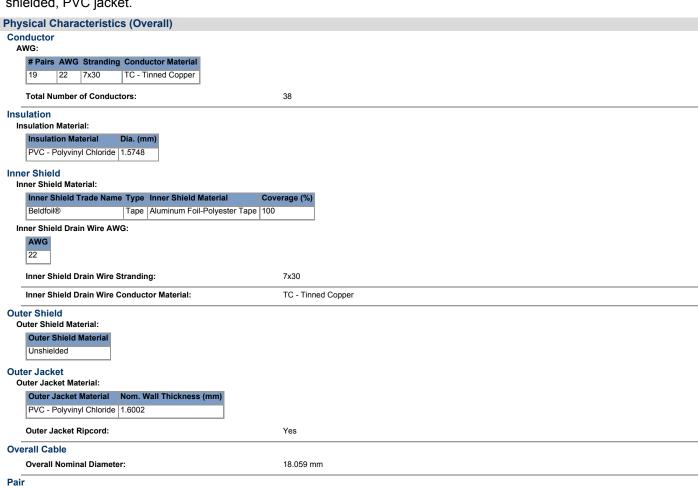
For more Information please call

1-800-Belden1



### **General Description:**

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



## Pair Color Code 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
12	Black & Red and Numbered 12
13	Black & Red and Numbered 13
14	Black & Red and Numbered 14
15	Black & Red and Numbered 15
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# 9335 Multi-Conductor - 300V Power-Limited Tray Cable

16	Black & Red and Numbered 16
17	Black & Red and Numbered 17
18	Black & Red and Numbered 18
19	Black & Red and Numbered 19

Mechanical Characteristics (Overall)	
Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	392.885 Kg/Km
Max. Recommended Pulling Tension:	1174.325 N
Min. Bend Radius/Minor Axis:	180.340 mm

Applicable Specifications and Agency Compliance (Overall
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Applicable Standards 8	<b>Environmental Programs</b>
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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

### Fla

UL Flame Test:	UL1685 FT4 Loading	
C(UL) Flame Test:	FT4	
IEEE Flame Test:	1202	
uitability		

# Suitability

Suitability - Indoor:	Yes	
Suitability - Outdoor:	Yes	
Suitability - Burial:	Yes	
Sunlight Resistance:	Yes	
Plenum/Non-Plenum		

Plenum (Y/N): No

# Surface Printing (Overall)

## **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:

85.306

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 249.356 Ohm/km

Max. Operating Voltage - UL:

Voltage 300 V RMS (PLTC CMG)

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### METRIC MEASUREMENT VERSION



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150 V RMS (ITC)

Max. Recommended Current:

2.4 Amps per conductor @ 25°C

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9335	1 EA	0.000 LB			RSMV 3-RKT 4-3-294/2 M
9335 0601000	1,000 FT	291.000 LB	CHROME	С	19 #22 FS PR PVC PVC
9335 060500	500 FT	152.500 LB	CHROME	С	19 #22 FS PR PVC PVC

Notes: C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 10-28-2014

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