

## 9533 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1



### Description:

24 AWG stranded (7x32) tinned copper conductors, conductors cabled, PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
3	24	7x32	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	Aluminum Foil-Polyester Tape	100

##### Outer Shield Drain Wire AWG:

AWG Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Beldfoil®	PVC - Polyvinyl Chloride	.032

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

Length (in.)
1.50

##### Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red

Overall Nominal Diameter: 0.162 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	16 lbs/1000 ft.
Max. Recommended Pulling Tension:	16.500 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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

C(UL) Flame Test:	FT4
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
33

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
65

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
25

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
18

#### Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

#### Max. Recommended Current:

Current
1.75 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9533 060U1000	1,000 FT	18.000 LB	CHROME		3 #24 PVC FS PVC
9533 060U500	500 FT	9.500 LB	CHROME		3 #24 PVC FS PVC
9533 060100	100 FT	2.400 LB	CHROME		3 #24 PVC FS PVC
9533 0601000	1,000 FT	18.000 LB	CHROME	C	3 #24 PVC FS PVC
9533 060500	500 FT	9.000 LB	CHROME		3 #24 PVC FS PVC
9533 0605000	5,000 FT	85.000 LB	CHROME		3 #24 PVC FS PVC

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**Notes:**

C = CRATE REEL PUT-UP.

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