

## 9637 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1



### General Description:

28 AWG stranded (7x36) tinned copper conductors, S-R PVC insulation, overall Beldfoil® (100% Coverage) plus tinned copper braid shield (65% Coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
25	28	7x36	TC - Tinned Copper

Total Number of Conductors: 25

#### Insulation

Insulation Material:

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

#### Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.889

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
16	Black/Red
17	White/Red
18	Orange/Red
19	Blue/Red
20	Red/Green
21	Orange/Green
22	Black/White/Red
23	White/Black/White
24	Red/Black/White
25	Green/Black/White

Overall Nominal Diameter: 7.747 mm

### Mechanical Characteristics (Overall)

## METRIC MEASUREMENT VERSION

### 9637 Multi-Conductor - Computer Cable for EIA RS-232 Applications

Operating Temperature Range:	-20°C to +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	80.363 Kg/Km
Min. Bend Radius/Minor Axis:	82.550 mm

#### Applicable Specifications and Agency Compliance (Overall)

##### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL2
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):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

##### Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
CSA Flame Test:	FT4

##### Plenum/Non-Plenum

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

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
98.43

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

Capacitance (pF/m)  
164.05

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
213.265

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)  
14.7645

##### Max. Operating Voltage - UL:

Voltage  
300 V RMS

##### Max. Recommended Current:

Current  
.7 Amps per conductor @ 25°C

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9637 0601000	1,000 FT	59.000 LB	CHROME	C	25 #28 PVC SH PVC

##### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3    Revision Date: 07-08-2013

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