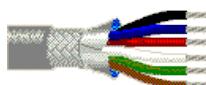


## 9613 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1

**General Description:**

24 AWG stranded (7x32) tinned copper conductors, S-R PVC insulation, overall Beldfoil® (100% coverage)  
+ TC braid shield (65% coverage), PVC jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
8	24	7x32	TC - Tinned Copper

Total Number of Conductors: 8

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

**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	Brown
6	Blue
7	Orange
8	Yellow

Overall Nominal Diameter: 6.096 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	56.552 Kg/Km
Min. Bend Radius/Minor Axis:	63.500 mm

**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 Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

## METRIC MEASUREMENT VERSION

## 9613 Multi-Conductor - Computer Cable for EIA RS-232 Applications

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 &amp; Cable): Yes

MIL Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

98.43

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

Capacitance (pF/m)

180.455

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

82.025

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

23.9513

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

1.5 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9613 060100	100 FT	4.500 LB	CHROME		8 #24 PVC SHLD PVC
9613 0601000	1,000 FT	41.000 LB	CHROME	C	8 #24 PVC SHLD PVC
9613 060500	500 FT	20.500 LB	CHROME	C	8 #24 PVC SHLD PVC

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 09-11-2012

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