

## 9612 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, 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
7	24	7x32	TC - Tinned Copper

**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
PVC - Polyvinyl Chloride

**Overall Cabling****Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange

Overall Nominal Diameter: 5.715 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	50.599 Kg/Km
Min. Bend Radius (Install)/Minor Axis:	58.420 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG

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AWM Specification:	UL Style 2464 (300 V 80°C)
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	UL1685 FT4 Loading
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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/m)
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98.43
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**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/m)
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180.455
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
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82.025
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**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)
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22.6389
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**Max. Operating Voltage - UL:**

Voltage
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300 V RMS (UL AWM Style 2464)
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**Max. Recommended Current:**

Current
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1.5 Amps per conductor @ 25°C
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**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9612 060100	30 MT	1.905 KG	CHROME		7 #24 PVC BRD PVC
9612 0601000	305 MT	17.237 KG	CHROME	C	7 #24 PVC BRD PVC
9612 060500	152 MT	8.391 KG	CHROME	C	7 #24 PVC BRD PVC

**Notes:**

C = CRATE REEL PUT-UP.

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