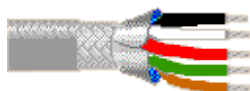


## 9941 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG stranded (7x30) TC 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
5	22	7x30	TC - Tinned Copper

Total Number of Conductors: 5

#### 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	100.000
2		Braid	TC - Tinned Copper	70.000

#### 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

Overall Nominal Diameter: 5.842 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

UL Temperature Rating: 80°C (UL AWM Style 2464)

Bulk Cable Weight: 52.087 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

## 9941 Multi-Conductor - Computer Cable for EIA RS-232 Applications

**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):** 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

**MII 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)**

121.397

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

**Capacitance (pF/m)**

219.827

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/km)**

48.2307

### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/km)**

23.2951

### Max. Operating Voltage - UL:

**Voltage**

300 V RMS

### Max. Recommended Current:

**Current**

2.4 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9941 060100	100 FT	4.200 LB	CHROME		BRAID 5 #22 PVC SH PVC
9941 0601000	1,000 FT	38.000 LB	CHROME	C	BRAID 5 #22 PVC SH PVC
9941 060500	500 FT	19.000 LB	CHROME	C	BRAID 5 #22 PVC SH PVC
9941 0605000	5,000 FT	180.000 LB	CHROME		BRAID 5 #22 PVC SH PVC

### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2    Revision Date: 08-21-2012

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## 9941 Multi-Conductor - Computer Cable for EIA RS-232 Applications

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