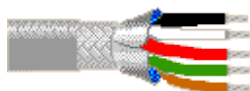


## 9941 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1



### 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

#### 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

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: 55.063 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

AWM Specification: UL Style 2464 (300 V 80°C)

METRIC MEASUREMENT VERSION

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

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

C(UL) 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 (UL AWM Style 2464)

### Max. Recommended Current:

Current

2.4 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
9941 060100	30 MT	1.905 KG	CHROME		5 #22 PVC SH PVC
9941 0601000	305 MT	17.237 KG	CHROME	C	5 #22 PVC SH PVC
9941 060500	152 MT	8.618 KG	CHROME	C	5 #22 PVC SH PVC

### Notes:

C = CRATE REEL PUT-UP.

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