

## 9541 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, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
15	24	7x32	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

#### Outer Shield

##### Outer Shield Material:

Outer Shield Trade Name	Outer Shield Material	Coverage (%)
Beldfoil®	Aluminum Foil-Polyester Tape	100

##### Outer Shield Drain Wire AWG:

AWG Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8128

#### Overall Cabling

##### Overall Cabling Lay Length & Direction:

Length (mm)
76.1997

##### 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

## 9541 Multi-Conductor - Computer Cable for EIA RS-232 Applications

Overall Nominal Diameter: 7.214 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	81.256 Kg/Km
Max. Recommended Pulling Tension:	366.976 N
Min. Bend Radius (Install)/Minor Axis:	69.850 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 CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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

C(UL) 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 & 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)  
59.058

#### Max. Operating Voltage - UL:

Voltage  
300 V RMS (UL AWM Style 2464)

#### Max. Recommended Current:

Current  
1.75 Amps per conductor @ 25°C

### Related Documents:

## 9541 Multi-Conductor - Computer Cable for EIA RS-232 Applications

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9541 060U1000	305 MT	24.494 KG	CHROME		15 #24 PVC FS PVC
9541 060U500	152 MT	12.474 KG	CHROME		15 #24 PVC FS PVC
9541 060100	30 MT	2.676 KG	CHROME		15 #24 PVC FS PVC
9541 0601000	305 MT	25.401 KG	CHROME	C	15 #24 PVC FS PVC
9541 060500	152 MT	12.701 KG	CHROME	C	15 #24 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

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