

## 9507 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1

**Description:**

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire (continued), PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Pairs	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:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	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
PVC - Polyvinyl Chloride

**Overall Cable**

**Overall Nominal Diameter:** 0.294 in.

**Pair****Pair Color Code Chart:**

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

**Mechanical Characteristics (Overall)**

<b>Operating Temperature Range:</b>	-30°C To +80°C
<b>Non-UL Temperature Rating:</b>	80°C (UL AWM Style 2464)
<b>Bulk Cable Weight:</b>	49.300 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	77 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	3 in.

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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
CSA Specification:	AWM I A
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

UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT4

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)  
75

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)  
30

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

Capacitance (pF/ft)  
50

## Nominal Velocity of Propagation:

VP (%)  
60

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
24

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
16.5

## Max. Operating Voltage - UL:

Voltage  
300 V RMS (UL AWM Style 2464)

## Max. Recommended Current:

Current  
1.5 Amps per conductor @ 25°C

## Related Documents:

## 9507 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
9507 060U1000	1,000 FT	50.000 LB	CHROME		7 PR #24 PVC FS PVC
9507 060U500	500 FT	25.500 LB	CHROME		7 PR #24 PVC FS PVC
9507 060100	100 FT	5.600 LB	CHROME		7 PR #24 PVC FS PVC
9507 0601000	1,000 FT	52.000 LB	CHROME	C	7 PR #24 PVC FS PVC
9507 060500	500 FT	27.500 LB	CHROME	C	7 PR #24 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 05-14-2007

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