

9508 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
8	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: 0.324 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
8	Red & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	57 lbs/1000 ft.
Max. Recommended Pulling Tension:	88 lbs.

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Min. Bend Radius (Install)/Minor Axis:	3.250 in.
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
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CEC/C(UL) Specification:	CMG
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AWM Specification:	UL Style 2464 (300 V 80°C)
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CSA Specification:	AWM I A
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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):	04/01/2005
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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

C(UL) Flame Test:	FT4
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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 & 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

1.1 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9508 060100	100 FT	6.400 LB	CHROME		8 PR #24 PVC FS PVC
9508 0601000	1,000 FT	61.000 LB	CHROME	C	8 PR #24 PVC FS PVC
9508 060500	500 FT	31.000 LB	CHROME	C	8 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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