

## 9515 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information  
please call

1-800-Belden1

**General 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
15	24	7x32	TC - Tinned Copper

Total Number of Conductors: 30

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

**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	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.864

**Overall Cable**

Overall Nominal Diameter: 10.592 mm

**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
9	Red & Green
10	Red & Blue
11	Red & Yellow
12	Red & Brown
13	Red & Orange
14	Green & White
15	Green & Blue

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-30°C To +80°C
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	126.497 Kg/Km
Max. Recommended Pulling Tension:	733.953 N
Min. Bend Radius/Minor Axis:	107.950 mm

## 9515 Multi-Conductor - Computer Cable for EIA RS-232 Applications

## 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 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):	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. Capacitance Conductor to Conductor:

Capacitance (pF/m)

98.43

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

Capacitance (pF/m)

164.05

## Nominal Velocity of Propagation:

VP (%)

60

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

78.744

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

54.1365

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

1.1 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9515 060100	30 MT	4.264 KG	CHROME		15 PR #24 PVC PVC
9515 0601000	305 MT	42.184 KG	CHROME	C	15 PR #24 PVC PVC
9515 060500	152 MT	21.546 KG	CHROME	C	15 PR #24 PVC PVC

## Notes:

C = CRATE REEL PUT-UP.

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