



9519

Multi-Conductor - Computer Cable for EIA RS-232

Applications

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.



[Click here for Certificate](#)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9519 060100	100 FT	12.800 LB	CHROME C		19 PR #24 PVC FS PVC
9519 0601000	1,000 FT	122.000 LB	CHROME C		19 PR #24 PVC FS PVC
9519 060500	500 FT	61.500 LB	CHROME C		19 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
19	24	7x32	TC - Tinned Copper

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

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

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Overall Cabling

Overall Nominal Diameter: 0.448 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
9	Red & Green
10	Red & Blue
11	Red & Yellow
12	Red & Brown
13	Red & Orange
14	Green & White
15	Green & Blue
16	Green & Yellow
17	Green & Brown
18	Green & Orange
19	White & 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:	114.800 lbs/1000 ft.
Max. Recommended Pulling Tension:	209 lbs.
Min. Bend Radius (Install) / Minor Axis:	4.500 in.

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)
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 & 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

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