

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

Part Number: 8132 Paired - Low Capacitance EIA RS-232/485



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DESCRIPTION:

28 AWG Stranded (7x36) tinned copper, twisted pairs, overall 100% Beldfoil® shield, 28 AWG tinned copper drain wire, D overall tinned copper braid shield, PVC jacket.

PHYSICAL CHARACTERISTICS :

CONDUCTOR :

Number of Pairs: 2
Total Number of Conductors: 4
AWG: 28
Stranding: 7x36
Conductor Material: TC - Tinned Copper

INSULATION :

Insulation Material Trade Name: Datalene®
Insulation Material: FPE - Foam Polyethylene

PAIR :

Pair Lay Length:

Lay Length (in.)	Direction	Twists/ft (twist/ft)
.75		15.6

Pair Twists/ft.:

15.6

Pair Color Code Chart:

Number	Color
1	White/Blue and Blue/White
2	White/Orange and Orange/White

OUTER SHIELD :

Outer Shield Type: Tape/Braid
Outer Shield Material:

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester	100
2		Braid	TC - Tinned Copper	65

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG:

Outer Shield Drain Wire Stranding:

Outer Shield Drain Wire Conductor Material:

28**7x36****TC - Tinned Copper****OUTER JACKET :**

Outer Jacket Material:

PVC - Polyvinyl Chloride**OVERALL NOMINAL DIAMETER :**

Overall Nominal Diameter:

.220 in.**MECHANICAL CHARACTERISTICS :**

Operating Temperature Range:

-30 ° C To +80 ° C

Bulk Cable Weight:

30 lbs/1000 ft.

Min. Bend Radius (Install):

2.5 in.**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE :****APPLICABLE STANDARDS :**

NEC/(UL) Specification:

CL2

AWM Specification:

2919**FLAME TEST :**

UL Flame Test:

1581 Vertical Tray**PLENUM/NON-PLENUM :**

Plenum (Y/N):

N**ELECTRICAL CHARACTERISTICS :**

Nom. Characteristic Impedance:

120 Ω

Nom. Capacitance Conductor to Conductor @ 1 KHz:

11 pF/ft

Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz:

20 pF/ft

Nominal Velocity of Propagation:

78 %

Nom. Conductor DC Resistance @ 20 Deg. C:

65 Ω/1000 ft

Nominal Outer Shield DC Resistance @ 20 Deg. C:

5.1 Ω/1000 ft

Max. Operating Voltage - UL:

150 V RMS

Max. Operating Voltage - Other:

30 V (AWM 2919)

Other Maximum Continuous Currents:

1 Amp Per Conductor @ 25 ° C**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8132 060100	2 PR #28 FHDPE SH PVC	100	3.6	CHROME	
8132 0601000	2 PR #28 FHDPE SH PVC	1000	28	CHROME	
8132 060500	2 PR #28 FHDPE SH PVC	500	14.5	CHROME	

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