

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)

Part Number: 8133 Paired - Low Capacitance EIA RS-232/422



DESCRIPTION:

28 AWG stranded conductors (7x36), tinned copper, twisted pairs, overall 100% Beldfoil® shield, 28 AWG stranded TC drain wire, copper braid shield (65% coverage), Datalene insulated, PVC jacket

PHYSICAL CHARACTERISTICS :

CONDUCTOR :

Number of Pairs: 3
Total Number of Conductors: 6
AWG: 28
Stranding: 7x36
Conductor Material: TC - Tinned Copper

INSULATION :

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

PAIR :

Pair Lay Length: .75 in.
Pair Twists/ft.: 14.4
Pair Color Code Chart:

Number	Color	Number	Color
1	White/Blue and Blue/White	3	White/Green and Green/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: 28
Outer Shield Drain Wire Stranding: 7x36
Outer Shield Drain Wire Conductor Material: TC - Tinned Copper

OUTER JACKET :

Outer Jacket Material:

PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER :

Overall Nominal Diameter:

.270 in.

MECHANICAL CHARACTERISTICS :

Operating Temperature Range:

-30 ° C To +80 ° C

Bulk Cable Weight:

35 lbs/1000 ft.

Min. Bend Radius (Install):

2.7 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 of Pair @ 20 Deg. C:

65 Ω/1000 ft

Nominal Outer Shield DC Resistance @ 20 Deg. C:

5.2 Ω/1000 ft

Max. Operating Voltage - Non-UL:

150 V RMS

Max. Operating Voltage - Other:

30 V (AWM 2919)

Other Maximum Continuous Currents:

.9 Amp Per Conductor @ 25 ° C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8133 060100	3 PR #28 FHDPE SH PVC	100	3.8	CHROME	
8133 0601000	3 PR #28 FHDPE SH PVC	1000	34	CHROME	C
8133 060500	3 PR #28 FHDPE SH PVC	500	17	CHROME	

C = CRATE REEL PUT-UP.