

## 30 AWG GLAY FLAT RIBBON CABLE

### ✦UL STYLE:2678

UL&CSA GRADE :2678

Rate temperature : 105°C

Rate voltage : 150V

Flame test : VW-1

CSA Standard : C22.2 No. 210.2

Rate temperature : 105°C

Rate voltage : 150V

Flame test : FT1,FT2

### ✦CONDUCTOR : Stranded

AWG size : 30 AWG

Number of strands in each conductor : 7/0.102mm.

Lay of strands in each conductor : 0.5 inch at least

Cross section area : 98 mil.

### ✦CONDUCTOR : Single

AWG size : 30 AWG

Conductor : 0.254 mm

Cross section area : 98 mil.

### ✦INSULATION :

Material of insulation : polyvinyl chloride(PVC) deep gray and gray

Insulation thickness average : 7 mil.

Minimum insulation thickness : 6 mil.

### ✦PHYSICAL PROPERTIES : After 7 days air oven at 136°C

Average tensile strength : 1500 lbs/inch<sup>2</sup>

Percent of original : 70% at least

Average elongation : 200%

Percent of original : 65% at least

### ✦ELECTRONIC CHARACTERISTICS :

Spark test : 1500V

Dielectric strength test : Minimum 1500 V in 1 minute

Conductor resistance : Maximum 377Ω /km

Insulation resistance : Minimum 1GΩ -m

Capacity : 75pF/m(G-S-G) 49pF/m(G-S)

Characteristic Impedance : 72Ω (G-S-G) 113Ω (G-S)

Propagation delay time : 5.4ns/m

Conductor resistance : Maximum 361Ω /km

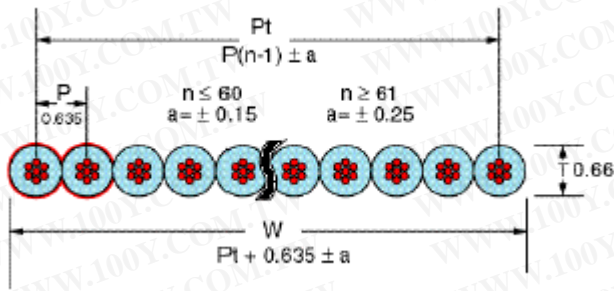
Capacity : 71pF/m(G-S-G) 47pF/m(G-S)

Characteristic Impedance : 80Ω(G-S-G) 115Ω (G-S)

Propagation delay time : 5.2ns/m

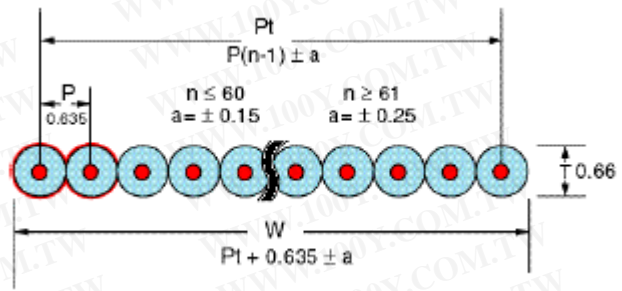
勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
 Http://www.100y.com.tw

CONSTRUCTION DRAWING:



Specification:(N=Number of conductors)

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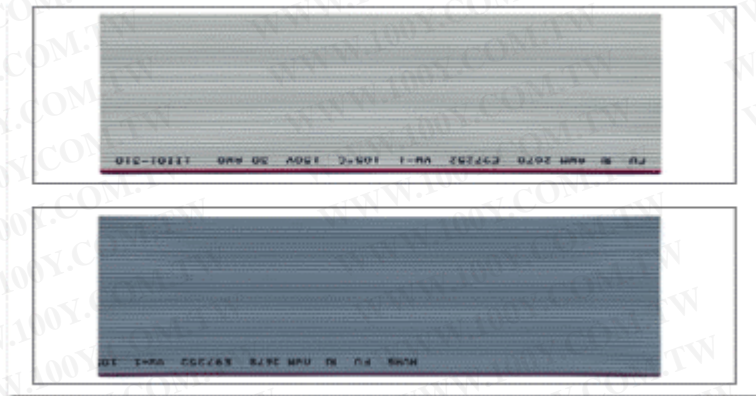


Specification:(N=Number of conductors)

USAGE :

Internal connection in computers , duplicators, fax machines, electronic games, interface cards and many other electronic equipment and devices.

SAMPLE



CONSTRUCTION TABLE

Code No.	Number of Cores	Size of conductor		Thickness (mm±0.05)	Width (mm)	PT (mm)	Allowable error(mm)	
		(AWG)	Composition (solid/mm)					
			Stranded Conductor					Solid Conductor
HM-68	68	30	7/0.102	0.254	43.18(1.7 ± 0.01)	42.545(1.675 ± 0.01)	± 0.25	

HM-80	80	30	7/0.102	0.254	0.66	50.80(2.0 ± 0.01)	50.165(1.975 ± 0.01)	± 0.25
HM-10 0	100	30	7/0.102	0.254	0.66	63.50(2.5 ± 0.01)	62.865(2.475 ± 0.01)	± 0.25

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