

# FLAT CABLE WR

## UL GRADE:

UL STYLE : 2651  
Rate temperature : 105°C  
Rate voltage : 300.V  
Flame Test : VW-1

## CONDUCTOR:

Stranded

AWG size : 28 AWG.  
Number of strands in each conductor : 7/0.127 mm.  
Lay of strands in each conductor : 0.5 inch at least.  
Cross sec. area : 156 mil.

## INSULATION:

Material of insulation: polyvinyl chloride (PVC)  
Insulation thickness average: 9 mil.  
Min. insulation thickness: 7 mil.  
A red insulation core is provided at one end for identification,  
And a green insulation core is provided at every five cores. Others are grey insulation.

## PHYSICL PROPERTIES:

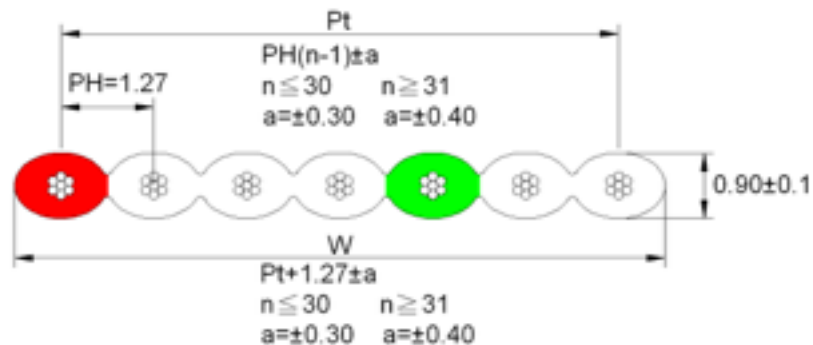
after 7 days air oven at 136°C

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 : 2500V	Capacity : 40pF/m.
Dielectric strength test : Min. 2 KV in 1 minute.	Inductance : 1.45μH/m.
Conductor resistance : Max. 237 Ω/km.	Impedance: 100Ω.
Insulation resistance : Min. 100MQ.	Propagation Delay Time : 4.2ns/m

## CONSTRUCTION DRAWING:



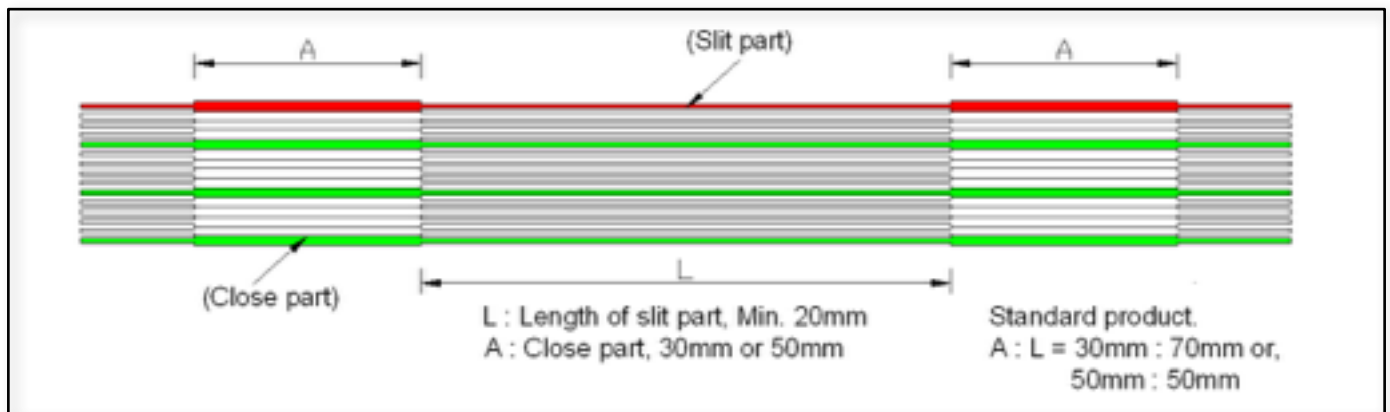
## USAGE:

Stranded

Internal connection for computer, duplicator, facsimile, game, interface and many other electronic equipments.

## FLAT CABLE WR

### CONSTRUCTION DRAWING:



### CONSTRUCTION TABLE:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error
		(AWG)	Composition (strands/mm)			
WR-26	26	28	7/0.127	0.9	33.02	±0.30
WR-30	30	28	7/0.127	0.9	38.10	±0.30
WR-34	34	28	7/0.127	0.9	43.18	±0.40
WR-40	40	28	7/0.127	0.9	50.80	±0.40
WR-50	50	28	7/0.127	0.9	63.50	±0.40
WR-60	60	28	7/0.127	0.9	76.20	±0.40
WR-64	64	28	7/0.127	0.9	81.28	±0.40

### SAMPLES:

