



FLAT CABLE WRM635S

UL GRADE:

UL STYLE : 2678
Rate temperature : 105°C
Rate voltage : 150.V
Flame Test : VW-1

CONDUCTOR:

 Stranded

AWG size : 30 AWG.
Number of stranded in each conductor : 7/0.102 mm.
Lay of strands in each conductor : 0.5 inch at least.
Cross sec. area : 98 mil.

INSULATION:

Material of insulation: polyvinyl chloride (PVC) red, white, and blue
Insulation thickness average: 7 mil.
Min. insulation thickness: 6 mil.
A red insulation core is provided at one end for identification,
And a white insulation core is provided at every even number cores.
And a blue insulation core is provided at every uneven number cores.

PHYSICL PROPERTIES:

after 7 days air oven at 136°C

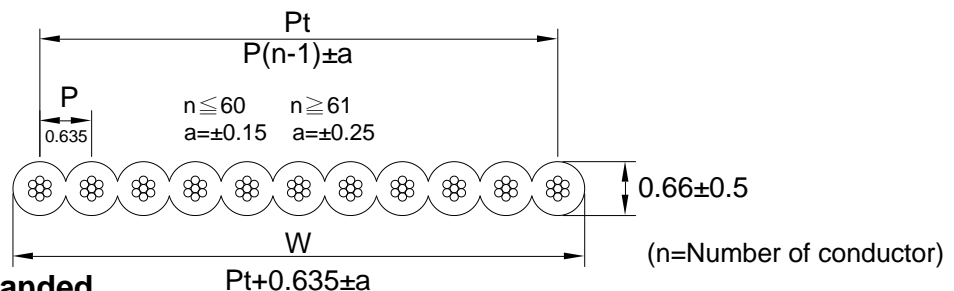
Average tensile strength: 1500 lbs/inch².
Percent of original: 70% at least.
Average elongation: 200%.
Percent of original: 65% at least.

ELECTRONIC CHARACTERISTICS:

Spark test : 1500V
Dielectric strength test : Min. 1500 V in 1 minute.
Conductor resistance : Max. 377 Ω/km.
Insulation resistance : Min. 100MΩ.

Capacity : 80pF/m.
Inductance : 1.0μH/m.
Impedance : 105Ω.
Propagation Delay Time : 5.6ns/m

CONSTRUCTION DRAWING:



USAGE:

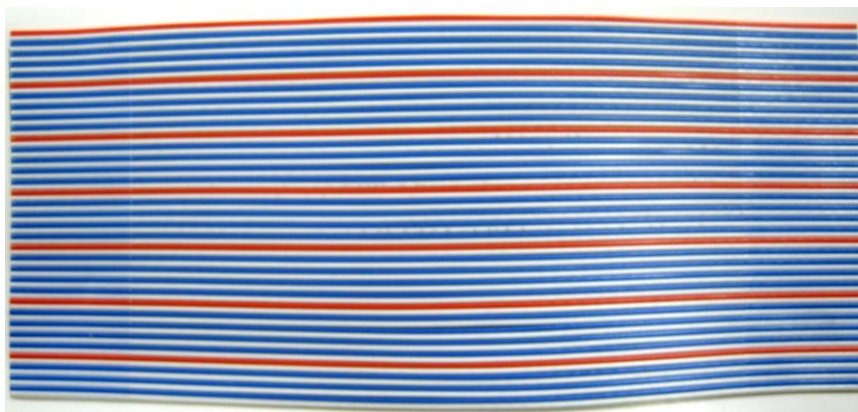
Stranded

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

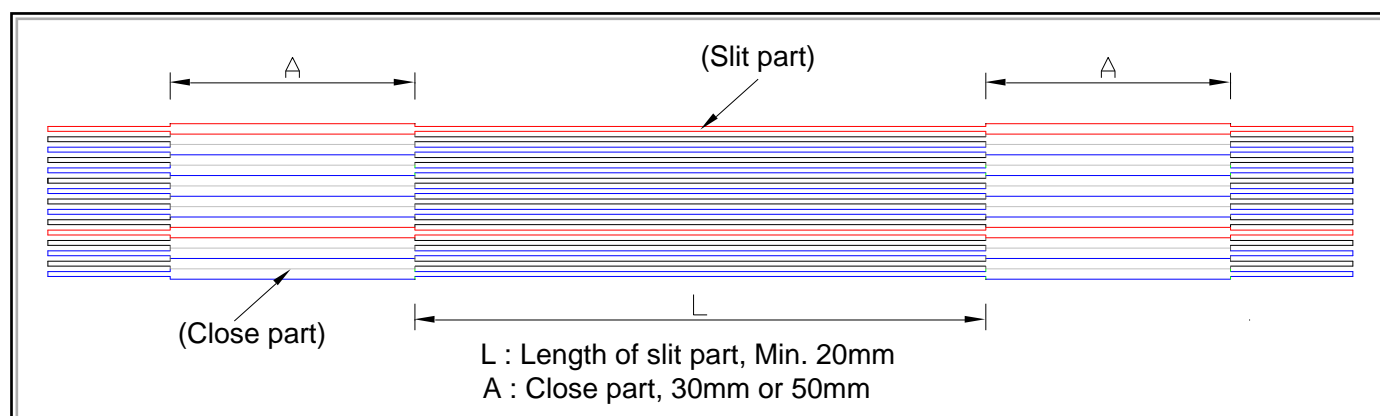
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SAMPLES:



CONSTRUCTION DRAWING:



CONSTRUCTION DRAWING:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error
		(AWG)	Composition (strands/mm)			
WRM-30	30	30	7/0.102	0.66	19.05	±0.15
WRM-68	68	30	7/0.102	0.66	43.18	±0.15
WRM-80	80	30	7/0.102	0.66	50.80	±0.15