

FLAT CABLE WF1278

UL GRADE:

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

CONDUCTOR: Stranded

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

INSULATION:

Material of insulation: polyvinyl chloride (PVC) Gray, and Red
Insulation thickness average: 9 mil.
Min. insulation thickness: 7 mil.

PHYSICAL PROPERTIES: after 7 days air oven at 136°C

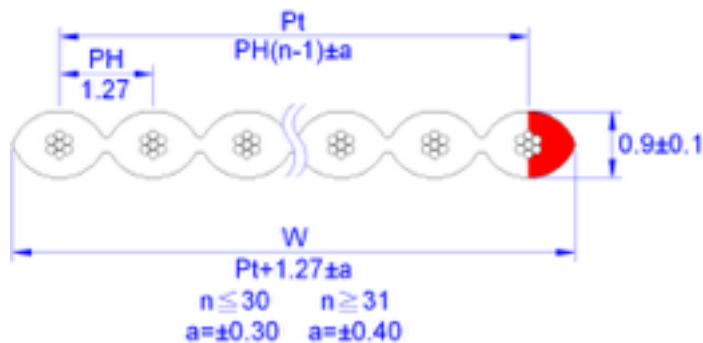
Average tensile strength: 1500 lbs/inch²
Percent of original: 70% at least
Average elongation: 200%
Percent of original: 65% at least

ELECTRONIC CHARACTERISTICS:

Spark test : 2500V
Dielectric strength test : Min. 2000 V in 1 minute
Conductor resistance : Max. 237 Ω/km
Insulation resistance : Min. 100MΩ

Capacity : 44pF/m
Inductance : 1.45μH/m
Characteristic Impedance: 105Ω
Propagation Delay Time : 4.2ns/m

CONSTRUCTION DRAWING:



umber of conductor)

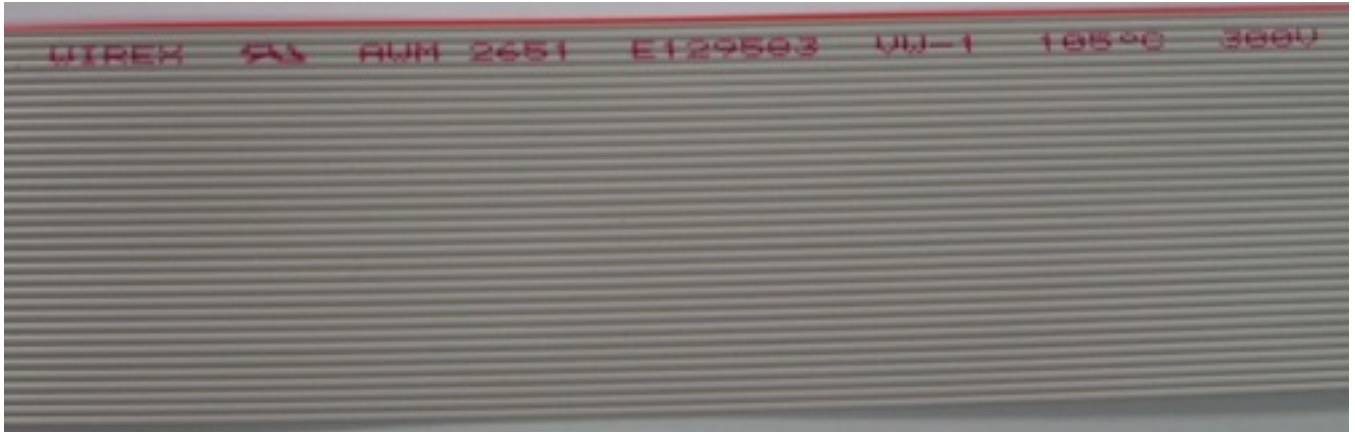
USAGE: Stranded

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



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SAMPLE:



CONSTRUCTION TABLE:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error (mm)
		(AWG)	Composition (strands/mm)			
WF-10	10	28	7/0.127	0.9	12.7	±0.30
WF-14	14	28	7/0.127	0.9	17.78	±0.30
WF-16	16	28	7/0.127	0.9	20.32	±0.30
WF-20	20	28	7/0.127	0.9	25.4	±0.30
WF-25	25	28	7/0.127	0.9	31.75	±0.30
WF-26	26	28	7/0.127	0.9	33.02	±0.30
WF-34	34	28	7/0.127	0.9	43.18	±0.40
WF-40	40	28	7/0.127	0.9	50.80	±0.40
WF-50	50	28	7/0.127	0.9	63.50	±0.40