

FLAT CABLE WRC

UL GRADE:

UL STYLE : 20029
Rate temperature : 105°C
Rate voltage : 300V
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) ten colors available.
Extruded PVC insulated singles bonded together.
Insulation thickness average: 9 mil.
Min. insulation thickness: 7 mil.

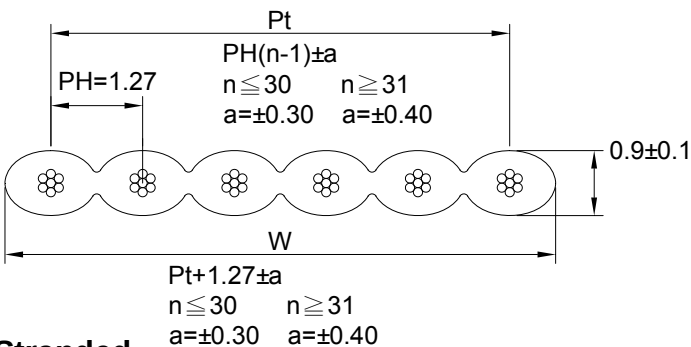
PHYSICL PROPERTIES: after 7 days air oven at 136°C

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 : 2500V	Capacity :45pF/m.
Dielectric strength test : Min. 2 KV in 1 minute.	Inductance : 1.5µH/m.
Conductor resistance : Max. 237 Ω/km.	Impedance: 100Ω.
Insulation resistance : Min. 100MΩ.	Propagation Delay Time : 4.2ns/m

CONSTRUCTION DRAWING:



n = Number of conductor

USAGE: Stranded

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

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SAMPLES:



CONSTRUCTION TABLE:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error
		(AWG)	Composition (strands/mm)			
WRC-10	10	28	7/0.127	0.9	12.70	±0.30
WRC-14	14	28	7/0.127	0.9	17.78	±0.30
WRC-15	15	28	7/0.127	0.9	19.05	±0.30
WRC-16	16	28	7/0.127	0.9	20.32	±0.30
WRC-20	20	28	7/0.127	0.9	25.40	±0.30
WRC-25	25	28	7/0.127	0.9	31.75	±0.30
WRC-26	26	28	7/0.127	0.9	33.02	±0.30
WRC-30	30	28	7/0.127	0.9	38.10	±0.30
WRC-34	34	28	7/0.127	0.9	43.18	±0.40
WRC-36	36	28	7/0.127	0.9	45.72	±0.40
WRC-40	40	28	7/0.127	0.9	50.80	±0.40
WRC-50	50	28	7/0.127	0.9	63.50	±0.40
WRC-60	60	28	7/0.127	0.9	76.20	±0.40
WRC-64	64	28	7/0.127	0.9	81.28	±0.40