

FLAT CABLE

ZR71xx SERIES

UL & CSA GRADE:

UL STYLE : 20029
Rate temperature : 105°C
Rate voltage : 300V
Flame Test : VW-1

CSA STYLE : C22.2 No.210.2
Rate temperature : 105°C
Rate voltage : 300V
Flame Test : FT1,FT2

CONDUCTOR:

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

INSULATION :

Material of insulation : polyvinyl chloride (PVC) ten colors available
Extruded PVC insulated singles bonded together
Insulation thickness average : 9mil
Min. insulation thickness : 7mil

1. BROWN
2. RED
3. ORANGE
4. YELLOW
5. GREEN
6. BLUE
7. PURPLE
8. GRAY
9. WHITE
10. BLACK

PHYSICAL PROPERTIES:

after 7 days air oven at 136°C

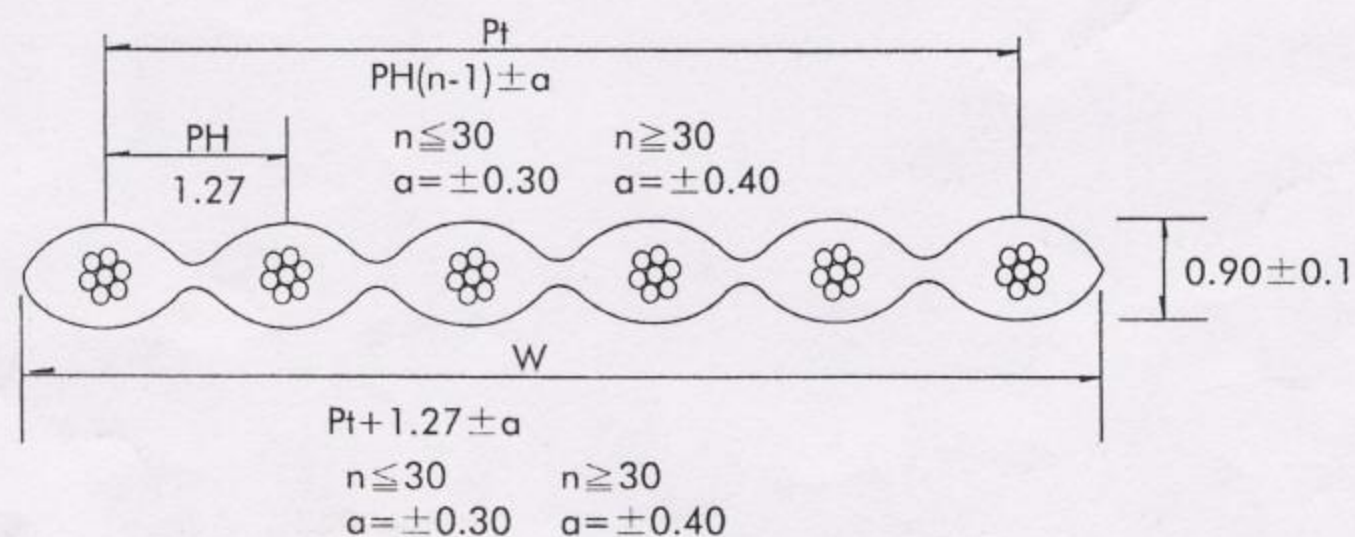
Average tensile strength : 1500 lbs/inch²
Percent of original : 70% at least
Average elongation : 200%
Percent of original : 65% at least

ELECTRONIC CHARACTERISTICS :

Spark test : 2500V
Dielectric strength test : min. 2 KV in
1 minute
Conductor resistance : Max. 237 Ω/km
Insulation resistance : Min. 100MΩ/km

Capacity : 45pF/m
Inductance : 1.5 μH/m
Impedance : 100Ω
Propagation Delay Time : 4.2ns/m

CONSTRUCTION DRAWING :



USAGE :

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 \pm 0.1)	Width (mm)	Allowable error (mm)
		(AWG)	Composition (strands/mm)			
ZR7108	8	28	7/0.127	0.9	10.16	\pm 0.30
ZR7110	10	28	7/0.127	0.9	12.70	\pm 0.30
ZR7114	14	28	7/0.127	0.9	17.78	\pm 0.30
ZR7115	15	28	7/0.127	0.9	19.05	\pm 0.30
ZR7116	16	28	7/0.127	0.9	20.32	\pm 0.30
ZR7120	20	28	7/0.127	0.9	25.40	\pm 0.30
ZR7125	25	28	7/0.127	0.9	31.75	\pm 0.30
ZR7126	26	28	7/0.127	0.9	33.02	\pm 0.30
ZR7130	30	28	7/0.127	0.9	38.10	\pm 0.30
ZR7134	34	28	7/0.127	0.9	43.18	\pm 0.40
ZR7136	36	28	7/0.127	0.9	45.72	\pm 0.40
ZR7140	40	28	7/0.127	0.9	50.80	\pm 0.40
ZR7150	50	28	7/0.127	0.9	63.50	\pm 0.40
ZR7160	60	28	7/0.127	0.9	76.20	\pm 0.40
ZR7164	64	28	7/0.127	0.9	81.28	\pm 0.40