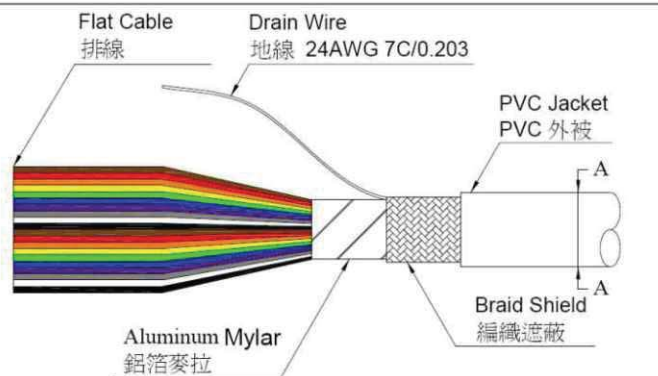


FEATURE :

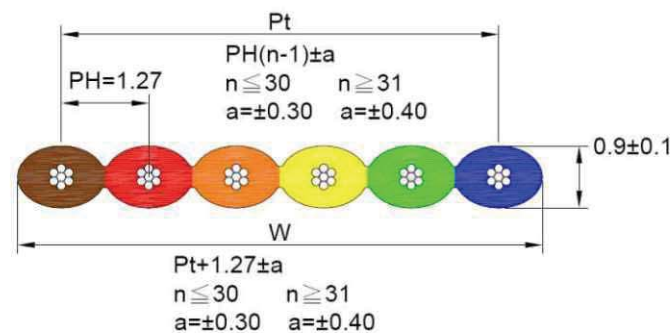
- ◆ Flat (1.27mm) cable within a round PVC jacket for external wiring
- ◆ Reduced diameter of outside sheath and more flexibility
- ◆ Shielded Type: Al-foil/Mylar+24AWG Drain Wire
- ◆ Number of cores : **20 pins Max.**



MATERIALS :

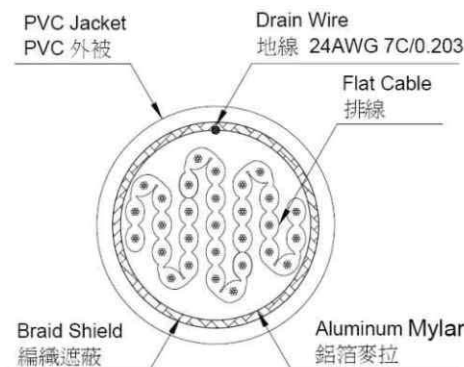
UL20029 105°C 300V VW-1

- ◆ Conductor: 28AWG(7/0.127mm) stranded copper wire
- ◆ Insulation: P.V.C.
- ◆ Jacket: Ten colours repeat



SPECIFICATIONS(with shield) :

- ◆ Resistance: Max.237Ω/Km
- ◆ Insulation Resistance: Min. 5MΩ-Km
- ◆ Dielectric Strength : A.C. 1500V/min.
- ◆ Capacitance : Approx. 95pF/m
- ◆ Impedance : Approx. 100Ω
- ◆ Propagation Delay : Approx. 4.2ns/m
- ◆ Printing content : "UL20266 ROUND FLAT CABLE 80°C 150V"



RoHS Compliant

TOLERANCES ARE



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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

PJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

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ORDER INFORMATION

HFR-R28ADB-xx-LF
 SERIES | | | | LEADFREE
 | | | | 10-64 WAY
 | | | | BRAID
 | | | | DRAIN
 ROUND | | | | AL.(ALUMINUM FOIL)
 | | | | 28 AWG

DESCRIPTION:

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: 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.

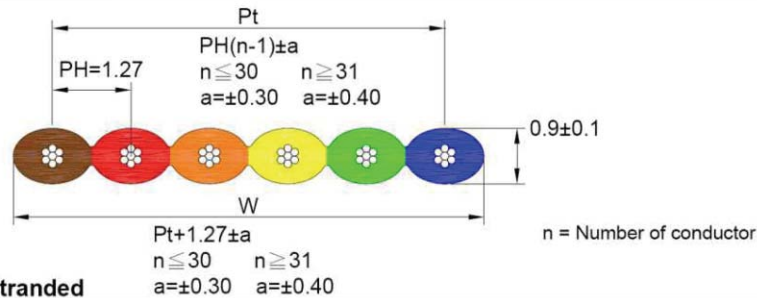
PHYSICAL PROPERTIES: after 7 days air oven at 136°C

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

CONSTRUCTION DRAWING:



USAGE: Stranded

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

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CHECKED BY GENIUS	
UNIT / mm	SCALE 1 : 1
DATE	
SIZE A4	P PROJECTION

TOLERANCES ARE

X, ±
 .X ±
 .XX ±
 .XXX ±
 ANG ±

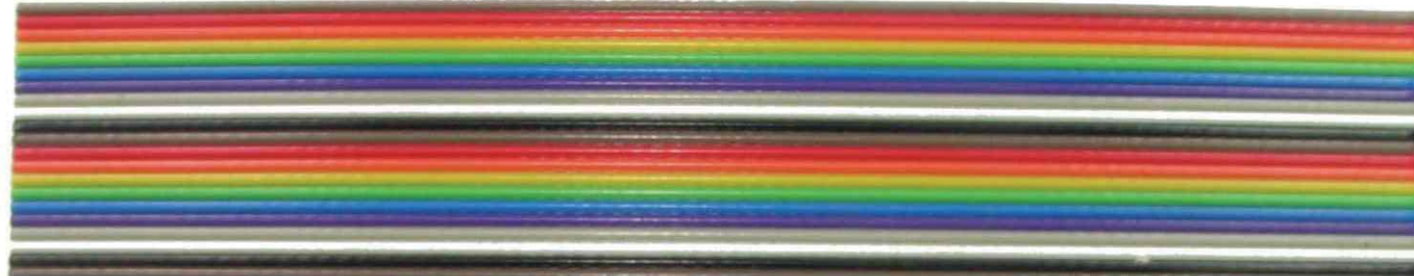
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 | | | | 10-64 WAY
 | | | | BRAID
 | | | | DRAIN
 ROUND | | | | AL.(ALUMINUM FOIL)
 | | | | 28 AWG

DESCRIPTION:

SAMPLES:



CONSTRUCTION TABLE:

Code No.	Number of cores	Size of conductor		Thickness (mm±0.1)	Width (mm)	Allowable error
		(AWG)	Composition (strands/mm)			
	10	28	7/0.127	0.9	12.70	±0.30
	14	28	7/0.127	0.9	17.78	±0.30
	15	28	7/0.127	0.9	19.05	±0.30
	16	28	7/0.127	0.9	20.32	±0.30
	20	28	7/0.127	0.9	25.40	±0.30

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TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

P PROJECTION

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28 AWG

DESCRIPTION: