

Lead Free PVC Insulated Wire (UL 1095-LF)

UL Approved PVC Wire



Construction

1. Conductor : Tinned annealed copper wire (TA) or Tin over coated tinned annealed stranded copper wire (TA-SC)
2. Insulation : Heat - resistant lead free PVC

Reference Standard

UL 758

Classification

80 °C , 300V

Marking

AWM E106028 STYLE 1095 ** AWG VW-1 BANGKOK CABLE
 -F- LF

Application

Internal Wiring in Electric Bookkeeping, Accounting, Time-Recording Machines, Electronic, Medical or Dental Equipment, if within a chassis or protected from mechanical injury.

Conductor				Thickness of insulation	Overall diameter	Conductor resistance at 20 °C	Cable weight	Standard length	
Type	Cross-sectional area	No. & dia. of wire	Diameter						
	AWG	No./mm	mm (Approx.)	mm (Nominal)	mm (Approx.)	Ω/km (Max.)	kg/km (Approx.)	m/coil	m/bobbin
Stranded	30	7/0.102	0.31	0.33	0.97	354.0	1.5	915	5,490
	28	7/0.127	0.38	0.33	1.04	223.0	1.9	915	4,880
	26	7/0.16	0.48	0.33	1.14	139.0	2.5	915	3,660
	24	11/0.16	0.61	0.33	1.27	89.8	3.5	610	3,050
	22	17/0.16	0.76	0.33	1.42	58.1	4.8	610	-
	20	26/0.16	0.94	0.33	1.60	38.3	6.9	610	-
	18	43/0.16	1.21	0.33	1.87	23.4	8.1	610	-
TA-SC	28	7/0.127	0.38	0.33	1.04	223.0	1.9	915	-
	26	7/0.16	0.48	0.33	1.14	139.0	2.6	915	-
	24	7/0.203	0.61	0.33	1.27	85.9	3.5	610	-
	22	7/0.26	0.78	0.33	1.44	54.7	5.2	610	-

Note

1. Standard for safety File No. : UL : E106028 , DENAN (-F-) : F-BCC1-001
2. BCC specification No. : ELA 005/0108
3. **: Size of conductor