

Lead Free PVC Insulated Wire (UL 1571-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 , 30V

Marking

AWM E106028 STYLE 1571 ** AWG 80C VW-1

BANGKOK CABLE -F- LF

(There is no marking on wire size 30 AWG)

Application

Internal Wiring of Class 2 Circuits in electronic equipment.

Type	Conductor			Thickness of insulation mm (Nominal)	Overall diameter mm (Approx.)	Conductor resistance at 20 °C Ω/km (Max.)	Cable weight kg/km (Approx.)	Standard length	
	Cross-sectional area AWG	No. & dia. of wire No./mm	Diameter mm (Approx.)					m/coil	m/bobbin
Stranded	30	7/0.102	0.31	0.20	0.71	354.0	1.0	915	6,100
	28	7/0.127	0.38	0.25	0.88	223.0	1.5	915	6,100
	26	7/0.16	0.48	0.25	0.98	139.0	2.1	915	6,100
	24	11/0.16	0.61	0.25	1.11	89.8	2.9	915	4,880
	22	17/0.16	0.76	0.27	1.30	58.1	4.3	915	3,050
	20	26/0.16	0.94	0.27	1.48	38.3	6.3	915	2,135
TA-SC	30	7/0.102	0.31	0.20	0.71	354.0	1.1	915	-
	28	7/0.127	0.38	0.25	0.88	223.0	1.5	915	-
	26	7/0.16	0.48	0.25	0.98	139.0	2.1	915	-
	24	7/0.203	0.61	0.25	1.11	85.9	3.1	915	-

Note

1. Standard for safety File No. : UL : E106028 , DENAN (-F-) : F-BCC1-001

2. BCC specification No. : ELA 007/0108

3. **: Size of conductor