

Lead Free PVC Insulated Wire (UL 1007-LF, CSA TR-64)

UL, CSA 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, CSA C22.2 No.127

Classification

80 °C, 300V (UL)
90 °C, 600V peak (CSA)

Marking

AWM E106028 STYLE 1007 ** AWG VW-1
BANGKOK CABLE -F- CSA LL68482 TYPE TR-64 90C FT1 LF

Application

Internal wiring of appliances; or where exposed to oil at a temperature not exceeding 60 °C, 600 volts peak for electronic use only.

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	0.41	1.13	354.0	1.9	610	4,880
	28	7/0.127	0.38	0.41	1.20	223.0	2.2	610	3,050
	26	7/0.16	0.48	0.41	1.30	139.0	2.9	610	3,050
	24	11/0.16	0.61	0.41	1.43	89.8	3.8	610	2,440
	22	17/0.16	0.76	0.41	1.58	58.1	5.2	610	2,135
	20	26/0.16	0.94	0.41	1.76	38.3	7.2	610	-
	18	43/0.16	1.21	0.41	2.03	23.4	10.7	305	-
	16	54/0.18	1.53	0.41	2.35	14.6	16.0	305	-
TA-SC	28	7/0.127	0.38	0.41	1.20	223.0	2.3	610	-
	26	7/0.16	0.48	0.41	1.30	139.0	3.1	610	-
	24	7/0.203	0.61	0.41	1.43	85.9	4.0	610	-
	22	7/0.26	0.78	0.41	1.60	54.7	5.9	610	-

Note

1. Standard for safety File No. : UL : E106028, CSA : LL68482, DENAN (-F-) : F-BCC1-001
2. BCC specification No. : ELA 001/0108
3. **: Size of conductor