

Lead Free PVC Insulated Wire (UL 1032-LF , CSA TR-32)

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

90 °C , AC 1000V (DC 1200 V) (UL)
90 °C , 1400 V peak (CSA)

Marking

 AWM E106028 STYLE 1032 ** AWG 90C VW-1
BANGKOK CABLE -F- CSA AWM LL68482 TYPE TR-32 90C FT1 LF

Application

Internal Wiring of Appliances; or where exposed to oil at a temperature not exceeding 60 °C, 3500 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	24	11/0.16	0.61	0.81	2.23	89.8	7.0	305	915
	22	17/0.16	0.76	0.81	2.38	58.1	8.7	305	915
	20	26/0.16	0.94	0.81	2.56	38.3	11.0	305	-
	18	43/0.16	1.21	0.81	2.83	23.4	15.2	305	-
	16	54/0.18	1.53	0.81	3.15	14.6	21.1	305	-
	14	41/0.26	1.92	0.81	3.54	9.64	29.5	305	-
	12	65/0.26	2.42	0.81	4.04	6.06	42.7	305	-
TA-SC	24	7/0.203	0.61	0.81	2.23	85.9	7.1	305	-
	22	7/0.26	0.78	0.81	2.40	54.7	9.2	305	-
	20	7/0.32	0.96	0.81	2.58	34.1	11.7	305	-

Note

1. Standard for safety File No. : UL : E106028, CSA : LL68482, DENAN (-F-) : F-BCC1-002
2. BCC specification No. : ELA 003/0108
3. **: Size of conductor