ThaiasiaCable Co.,Ltd.

IV 300/500 V 70°C 60227 IEC 05

PVC INSULATED SINGLE CORE

CONSTRUCTION

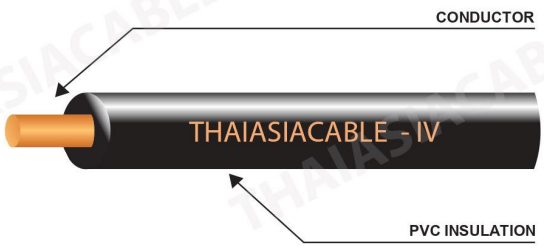
Conductor : Annealed Flexible Copper Conductor
Sizes 0.5 mm^2 up to 1 mm^2
Insulation : Polyvinyl chloride Type PVC (Any color as requested)

APPLICATION

Buliding wiring, for installation on insulator or in raceway

CLASSIFICATION

Maximum conductor temperature : 70°C
Circuit voltage does not exceed : 300/500 volts.
AC Testing Voltage : 2,000 volts

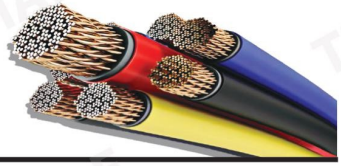


REFERENCE

TIS 11-2553 PART 3 TABLE 5

IV SIZE	Nominal Cross sectional area	Conductor Type	Diameter of Conductor (max)	Thickness of Insulation	Overall Diameter (min-max)	Allowable Ampacities Free Air 40°C	Mininum Insulation Resesrance at 70°C	Cable weight (approx.)	Standard Packing
mm^2	mm^2	Class	mm	mm	mm	A	MΩ - km	kg/km	m
1x0.5	0.5	1	0.79	0.6	1.9 - 2.3	9	0.015	9	100/C
1x0.75	0.75	1	0.96	0.6	2.1 - 2.5	12	0.012	11	100/C
1x1	1	1	1.11	0.6	2.2 - 2.7	15	0.011	14	100/C

Building Wire & Low Voltage Power Cable

C = Packing in coil
R = Packing in reel

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