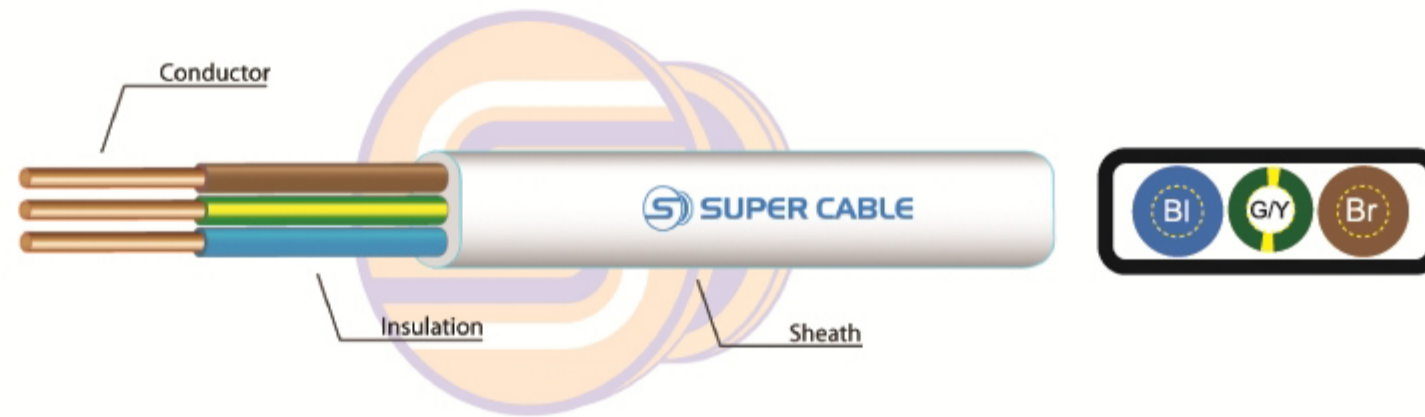


VAF-G

300/500 V. 70°C SOLID OR STRANDED CONDUCTOR

PVC INSULATED AND SHEATHED, 2 CORES WITH GROUND, FLAT TYPE



APPLICATION

- Use for surface wiring
- For installation in raceway/Do not install in conduit
- Do not install direct burial in ground

TESTING VOLTAGE : 2,000 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 101, TABLE 1

CABLE STRUCTURE

CONDUCTOR : Annealed Solid or Stranded Copper

CLASS 1 & 2 Size 1 - 16 mm²

INSULATION : Polyvinyl chloride type PVC/C

SHEATHED : Polyvinyl chloride type PVC/ST4

CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

300/500 Volts (U₀/U)

300 Volts between Line to Earth (U₀)

500 Volts between Line to Line (U)

Technical Data

TIS 11-2553 PART 101, TABLE 1

Nominal cross sectional area	Conductor type	Phase Core			Ground Core			Nominal insulation thickness	Nominal sheathed thickness	Overall diameter (approx.)		Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
		Number of wires	Diameter of wires	Diameter (approx.)	Number of wires	Diameter of wires	Diameter (approx.)			minimum	maximum					
mm ²	Class	No.	mm	mm	No.	mm	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
1	1	1	1.13	1.12	1	1.13	1.12	0.6	0.9	4.0 x 8.4	4.7 x 9.8	18.1	0.0110	14	75	100/C
1.5	1	1	1.38	1.37	1	1.38	1.37	0.7	0.9	4.4 x 9.8	5.4 x 11.5	12.1	0.0110	17	100	100/C
2.5	1	1	1.78	1.74	1	1.78	1.74	0.8	1.0	5.2 x 11.5	6.2 x 13.5	7.41	0.0100	23	150	100/C
4	2	7	0.85	2.52	7	0.85	2.52	0.8	1.1	5.8 x 13.4	7.4 x 16.5	4.61	0.0077	32	220	100/C
6	2	7	1.04	3.09	7	1.04	3.09	0.8	1.1	6.4 x 15.0	8.0 x 18.0	3.08	0.0065	41	290	100/C
10	2	7	1.35	3.99	7	1.35	3.99	1.0	1.2	7.8 x 19.0	9.6 x 22.5	1.83	0.0065	56	460	100/C
16	2	7	1.70	5.04	7	1.70	5.04	1.0	1.3	9.0 x 22.0	11 x 26.5	1.15	0.0052	74	650	100/C

Conductor Class 1 : Solid

2 : Stranded

C : Packing in coil

Core Color : Blue, Green/Yellow, Brown

การใช้งาน

- เดินเกาะผนัง
- เดินในช่องเดินสาย ห้ามร้อยท่อ
- ห้ามฝังดินโดยตรง