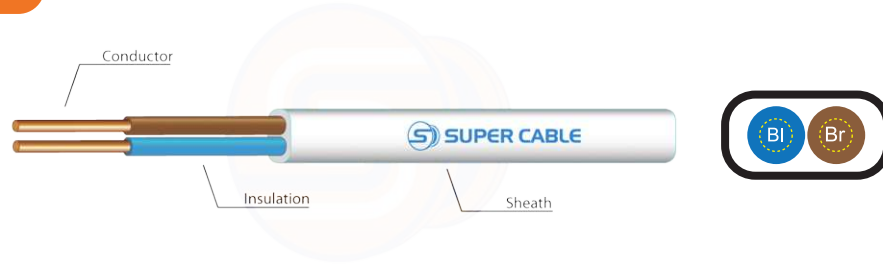


VAF

300/500 V. 70°C SOLID OR STRANDED CONDUCTOR
PVC INSULATED AND SHEATHED, 2 CORES 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 PART 101-2559, 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 PART 101-2559, TABLE 1

Nominal cross sectional area	Conductor type	Minimum number of wire	Nominal insulation thickness	Nominal sheathed thickness	Overall diameter		Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating on wall at 40°C	Cable weight (approx.)	Standard packing
					minimum	maximum					
mm ²	Class	No.	mm	mm	mm	mm	Ω/km	MΩ·km	A	kg/km	m
1	1	1	0.6	0.9	4.0 x 6.2	4.7 x 7.4	18.1	0.0110	14	50	100/C
1.5	1	1	0.7	0.9	4.4 x 7.0	5.4 x 8.4	12.1	0.0110	17	70	100/C
2.5	1	1	0.8	1.0	5.2 x 8.4	6.2 x 9.8	7.41	0.0100	23	100	100/C
4	2	7	0.8	1.1	5.6 x 9.6	7.2 x 11.5	4.61	0.0077	32	150	100/C
6	2	7	0.8	1.1	6.4 x 10.5	8.0 x 13.0	3.08	0.0065	41	200	100/C
10	2	7	1.0	1.2	7.8 x 13.0	9.6 x 16.0	1.83	0.0065	56	310	100/C
16	2	7	1.0	1.3	9.0 x 15.5	11.0 x 18.5	1.15	0.0052	74	450	100/C

Conductor Class 1 : Solid
Class 2 : Stranded
C : Packing in coil

Core Color : Blue, Brown

การใช้งาน

- เดินเกาะผนัง
- เดินในช่องเดินสาย ห้ามร้อยท่อ
- ห้ามฝังดินโดยตรง