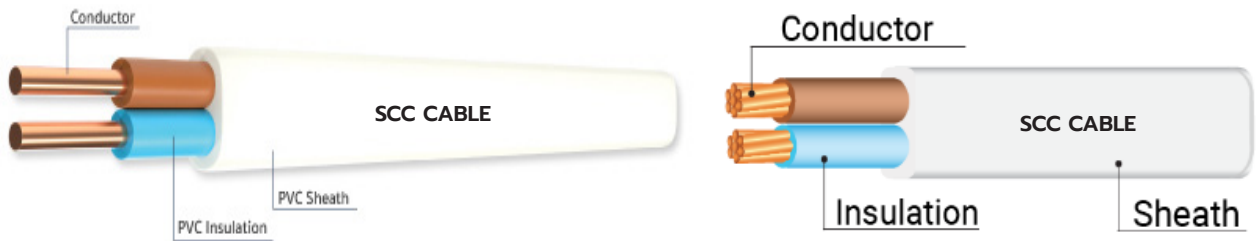


VAF

300/500 V 70 °C SOLID AND STRANDED CONDUCTOR PVC INSULATED AND SHEATHED. FLAT TYPE

REF. TIS 11
PART 101-2559

TABLE 1



CABLE STRUCTURE

Conductor	: Solid and stranded annealed copper : Sizes 1 mm ² up to 16 mm ²
Insulation	: Polyvinyl chloride (PVC/C)
Core identification	: 2 cores : Blue and Brown
Sheath	: White polyvinyl chloride (PVC/ST4)

TECHNICAL DATA

Classification	: Maximum conductor temperature 70 °C : Circuit voltage not exceeding 300/500 Volts
Rated voltage	: 300 Volts between Line to Earth : 500 Volts between Line to Line
Testing voltage	: 2,000 Volts
Reference standard	: Tis 11 Part 101-2559 Table 1

APPLICATION : Building wiring for surface or above ceiling wiring or direct ambded in plaster.

Number of core	Nominal cross sectional area (mm ²)	Class of Conductor	Insulation thickness nominal (mm)	Sheath thickness nominal (mm)	Overall diameter		Conductor resistance at 20 °C maximum (Ω/km)	Insulation resistance at 70 °C minimum (MΩ-km)	Continuous current rating in free air maximum (A)	Cable weight approx. (kg/km)	Standard length (m)
					Lower limit (mm)	Upper limit (mm)					
2	1	1	0.6	0.9	4.0 x 6.2	4.7 x 7.4	18.1	0.0110	13	50	100/C
	15	1	0.7	0.9	4.4 x 7.0	5.4 x 8.4	12.1	0.0110	17	70	100/C
	25	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	0.8	1.1	5.6 x 9.6	7.2 x 11.5	4.61	0.0077	31	140	100/C
	6	2	0.8	1.1	6.4 x 10.5	8.0 x 13.0	3.08	0.0065	40	200	100/C
	10	2	1.0	1.2	7.8 x 13.0	9.6 x 16.0	1.83	0.0065	55	300	100/C
	16	2	1.0	1.3	9.0 x 15.5	11.0 x 18.5	1.15	0.0052	74	400	100/C

Class Of Conductor

1 : Solid, 2 : Strand
C : Packing in coil