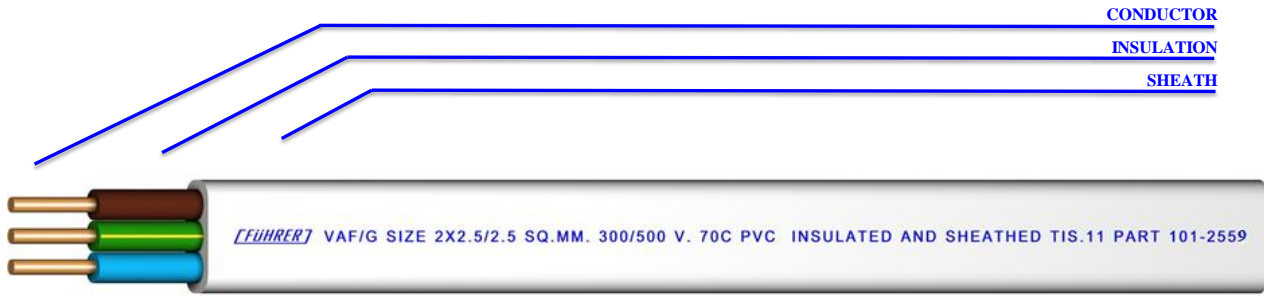




300/500 V 70°C PVC INSULATED AND SHEATHED



CONDUCTOR : Solid and Standard annealed copper
Size 1.0 mm² up to 16 mm²

INSULATION : Polyvinyl chloride (PVC)
Light blue , Brown , Green/Yellow

SHEATH : Polyvinyl chloride (PVC)
White

CLASSIFICATION : Maximum conductor temperature 70°C
Circuit voltage not exceeding 500 volt

TESTING VOLTAGE 2,000 VAC

REFERENCE STANDARD : TIS.11 PART 101-2559

No of core	Nominal Cross Sectional area (mm ²)		Conductor				Thickness of Insulation (mm)		Thickness of Sheath (mm)	Overall diameter		Maximum continuous current rating (A) on cable ladder	Minimum insulation resistance at 70°C (MΩ-Km)	Cable weight (approx.) (Kg/Km)	Standard length (m)
			Number of wire (Min)		Diameter (mm) (Approx.)					Lower Limit	Upper Limit				
	Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground							
2/1	1	1	1	1	1.11	1.11	0.6	0.6	0.9	4.0 x 8.4	4.7 x 9.8	14	0.0110	73	100/C
	1.5	1.5	1	1	1.36	1.36	0.7	0.7	0.9	4.4 x 9.8	5.4 x 11.5	17	0.0110	103	100/C
	2.5	2.5	1	1	1.75	1.75	0.8	0.8	1.0	5.2 x 11.5	6.2 x 13.5	23	0.0100	151	100/C
	4	4	7	7	2.49	2.49	0.8	0.8	1.1	5.8 x 13.4	7.4 x 16.5	32	0.0077	227	100/C
	6	6	7	7	3.09	3.09	0.8	0.8	1.1	6.4 x 15.0	8.0 x 18.0	41	0.0065	300	100/C
	10	10	7	7	3.99	3.99	1.0	1.0	1.2	7.8 x 19.0	9.6 x 22.5	56	0.0065	480	100/C
	16	16	7	7	5.01	5.01	1.0	1.0	1.3	9.0 x 22.0	11.0 x 26.5	74	0.0052	690	100/C

C:Packing in coil.

D:Packing in drum.

