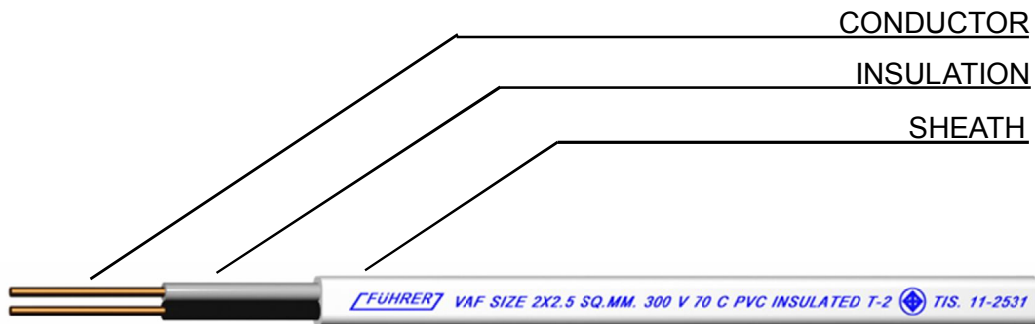


**300 V 70 °C PVC INSULATED AND SHEATHED FLAT TYPE****CABLE STRUCTURE**

<b>NUMBER OF CORE</b>	:	2 cores
<b>CONDUCTOR</b>	:	Solid and stranded annealed copper, Sizes 0.5 mm <sup>2</sup> up to 16 mm <sup>2</sup>
<b>INSULATION</b>	:	PVC Colour : 2 cores – Light gray and Black
<b>SHEATH</b>	:	PVC Colour : White
<b>CLASSIFICATION</b>	:	Maximum conductor temperature 70°C Circuit voltage not exceeding 300 volts
<b>TESTING VOLTAGE</b>	:	2,000 Volts
<b>REFERENCE</b>	:	TIS 11-2531, Table 2



## VAF

Number of core	Nominal cross section area (mm <sup>2</sup> )	Number and diameter of wire (No./mm)	Insulation Thickness	Sheath Thickness	Approx. overall Diameter (mm)		Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
					Lower limit	Upper limit				
2	0.5	1 / 0.80	0.6	0.9	3.6X5.6	4.4X6.8	0.0146	7	38	100/C
	1	1 / 1.13	0.6	0.9	4.0X6.2	4.8X7.4	0.0115	11	50	100/C
	1	7 / 0.43	0.6	0.9	4.0X6.4	5.0X7.8	0.0110	11	55	100/C
	1.5	1 / 1.38	0.6	1.2	4.8X7.2	5.8X8.6	0.0100	15	70	100/C
	1.5	7 / 0.53	0.6	1.2	4.9X7.4	6.0X9.2	0.0094	15	80	100/C
	2.5	1 / 1.78	0.7	1.2	5.4X8.4	6.4X10.0	0.0092	20	100	100/C
	2.5	7 / 0.67	0.7	1.2	5.6X8.8	6.8X10.5	0.0084	20	110	100/C
	4	1 / 2.25	0.8	1.2	6.0X9.8	7.2X11.5	0.0086	27	140	100/C
	4	7 / 0.85	0.8	1.2	6.2X10.0	7.6X12.0	0.0078	27	140	100/C
	6	7 / 1.04	0.8	1.2	6.8X11.0	8.2X13.5	0.0066	35	200	100/C
	10	7 / 1.35	0.9	1.2	8.0X13.0	9.4X16.0	0.0059	49	300	100/C
	16	7 / 1.70	1.0	1.2	9.2X16.0	11.0X18.5	0.0053	65	440	100/C

C: Packing in coil.

D: Packing in drum.