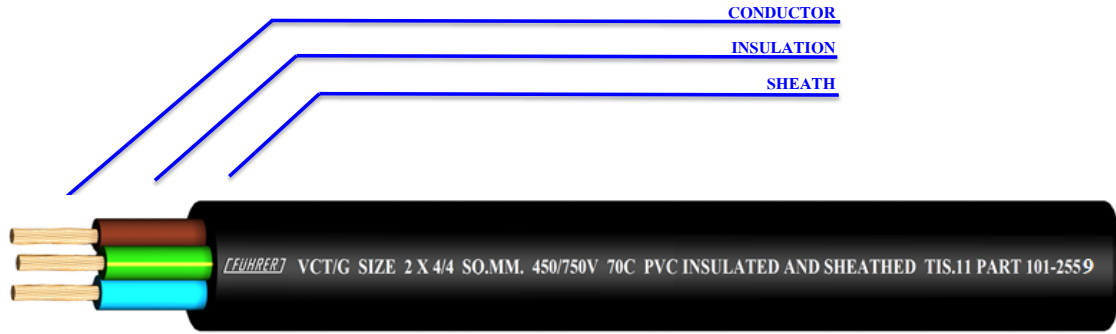


450/750 V 70°C PVC INSULATED AND SHEATHED WITH GROUND



<b>CONDUCTOR :</b>	Flexible stranded annealed copper wire Size 1.0 mm <sup>2</sup> up to Size 35 mm <sup>2</sup>	<b>CLASSIFICATION:</b>	Maximum conductor temperature 70°C Circuit voltage not exceeding 750 volt
<b>INSULATION :</b>	Polyvinyl chloride (PVC) Phase - Light Blue , Brown Ground - Green/Yellow	<b>TESTING VOLTAGE:</b>	2,500 VAC
<b>SHEATH :</b>	Polyvinyl chloride (PVC) Black colour	<b>REFERENCE STANDARD:</b>	TIS. 11 PART 101-2559

Nominal Cross Sectional area (mm <sup>2</sup> )		Conductor				thickness of Insulation (mm)		thickness of Sheath (mm)	Overall Diameter	Maximum continuous current rating in free air (A)	Minimum insulation resistance at 70°C (MΩ-Km)	cable weight (approx.) Kg/Km	standard length (m)
		Diameter of wires (Max.)		Diameter (mm) (Approx.)									
Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground						
1	1	0.21	0.21	1.31	1.31	0.8	0.8	1.2	10.0	10	0.0127	120	100/C
1.5	1.5	0.26	0.26	1.58	1.58	0.8	0.8	1.4	12.0	16	0.0111	160	100/C
2.5	2.5	0.26	0.26	2.04	2.04	0.8	0.8	1.4	13.0	25	0.0092	200	100/C
4	4	0.31	0.31	2.59	2.59	0.9	0.9	1.6	15.5	30	0.0084	300	100/C
6	6	0.31	0.31	3.60	3.60	0.9	0.9	1.8	17.5	39	0.0071	420	100/C
10	10	0.41	0.41	4.79	4.79	1.1	1.1	2.0	21.5	51	0.0068	670	500/D
16	16	0.41	0.41	5.88	5.88	1.1	1.1	2.4	25.0	73	0.0050	960	500/D
25	16	0.41	0.41	7.32	5.88	1.3	1.1	2.6	28.5	97	0.0048	1290	500/D
35	16	0.41	0.41	8.61	5.88	1.3	1.1	2.8	31.5	140	0.0041	1610	500/D

C:Packing in coil.