



CONDUCTOR :	Solid and Standard annealed copper Size 1.0 mm ² up to 16 mm ²	CLASSIFICATION :	Maximum conductor temperature 70°C Circuit voltage not exceeding 500 volt
INSULATION :	Polyvinyl chloride (PVC) Light blue , Brown	TESTING VOLTAGE :	2,000 VAC
SHEATH :	Polyvinyl chloride (PVC) White	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 (mm)		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				
	1.5	1	1.36	0.7	0.9	4.4 x 7.0	5.4 x 8.4	17	0.0110	69	100/C
	2.5	1	1.75	0.8	1.0	5.2 x 8.4	6.2 x 9.8	23	0.0100	99	100/C
	4	7	2.55	0.8	1.1	5.6 x 9.6	7.2 x 11.5	32	0.0077	150	100/C
	6	7	3.11	0.8	1.1	6.4 x 10.5	8.0 x 13.0	41	0.0065	203	100/C
	10	7	3.98	1.0	1.2	7.8 x 13.0	9.6 x 16.0	56	0.0065	321	100/C
	16	7	5.01	1.0	1.3	9.0 x 15.5	11.0 x 18.5	74	0.0052	455	100/C

C:Packing in coil.
D:Packing in drum.