



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 101-2553

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.)		Phase	Ground		Lower Limit	Upper Limit				
	Phase	Ground	Phase	Ground	Phase	Ground			Phase			Ground			
2/1	1	1	1	1	1.13	1.13	0.6	0.6	0.9	4.0 x 8.4	4.7 x 9.8	14	0.011	74	100/C
	1.5	1.5	1	1	1.38	1.38	0.7	0.7	0.9	4.4 x 9.8	5.4 x 11.5	17	0.01	100	100/C
	2.5	2.5	1	1	1.78	1.78	0.8	0.8	1.0	5.2 x 11.5	6.2 x 13.5	23	0.0092	150	100/C
	4	4	7	7	2.55	2.55	0.8	0.8	1.1	5.8 x 13.4	7.4 x 16.5	32	0.0078	230	100/C
	6	6	7	7	3.12	3.12	0.8	0.8	1.1	6.4 x 15.0	8.0 x 18.0	41	0.0066	300	100/C
	10	10	7	7	4.08	4.08	1.0	1.0	1.2	7.8 x 19.0	9.6 x 22.5	56	0.0065	490	100/C
	16	16	7	7	5.13	5.13	1.0	1.0	1.3	9.0 x 22.0	11.0 x 26.5	74	0.0053	710	100/C

C:Packing in coil.

D:Packing in drum.