



- 1. CONDUCTOR :** Solid and Standard annealed copper
Size 1.5 mm² up to 35 mm²
- 2. INSULATION :** Polyvinyl chloride (PVC)
Light blue , Brown , Green/Yellow
- 3. INNER SHEATH :** Polyvinyl chloride (Black colour)
- 4. OUTER SHEATH :** Polyvinyl chloride (Black colour)

- CLASSIFICATION :** Maximum conductor temperature 70°C
Circuit voltage not exceeding 500 volt
- TESTING VOLTAGE :** 2,000 VAC
- REFERENCE STANDARD :** TIS.11 PART 4-2553

No of core	Nominal Cross Sectional area (mm ²)	Conductor		Thickness of Insulation (mm)	Thickness of Inner Sheath (mm)	Thickness of Outer 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				
2/1	1.5	1	1.36	0.7	0.4	1.2	8.0	10.5	16	0.011	140	100/C
	2.5	1	1.75	0.8	0.4	1.2	9.2	12.0	22	0.010	190	100/C
	4	1	2.21	0.8	0.4	1.2	10.0	13.0	30	0.0085	250	100/C
	6	7	3.09	0.8	0.4	1.4	12.0	15.5	37	0.0065	370	100/C
	10	7	4.00	1.0	0.6	1.4	14.5	19.0	52	0.0065	590	500/D
	16	7	5.00	1.0	0.8	1.4	16.5	21.5	70	0.0052	840	500/D
	25	7	6.3	1.2	0.8	1.6	20.5	26.0	88	0.0050	1270	500/D
	35	7	7.55	1.2	1.0	1.6	22.0	29.0	110	0.0044	1680	500/D

C:Packing in coil.

D:Packing in drum.

