

300/500 V 70°C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE



**1. CONDUCTOR :** Solid and Standard annealed copper  
Size 1.5 mm<sup>2</sup> up to 35 mm<sup>2</sup>

**2. INSULATION :** Polyvinyl chloride (PVC)  
Brown , Black , Grey , 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 <sup>2</sup> )	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				
	2.5	1	1.75	0.8	0.4	1.2	10.0	13.0	22	0.010	240	100/C
	4	1	2.21	0.8	0.4	1.4	11.5	14.5	30	0.0085	330	100/C
	6	7	3.09	0.8	0.6	1.4	13.0	17.0	37	0.0065	480	100/C
	10	7	4.00	1.0	0.6	1.4	16.0	20.5	52	0.0065	740	500/D
	16	7	5.00	1.0	0.8	1.4	18.0	23.5	70	0.0052	1060	500/D
	25	7	6.3	1.2	1.0	1.6	22.5	28.5	88	0.0050	1640	500/D
	35	7	7.55	1.2	1.0	1.6	24.5	32.0	110	0.0044	2130	500/D

C:Packing in coil.

D:Packing in drum.

