



**CONDUCTOR :** Flexible stranded annealed copper wire  
Size 0.5 , 0.75 mm<sup>2</sup>

**INSULATION :** Polyvinyl chloride (PVC)  
Light Blue, Brown

**Sheath :** Polyvinyl chloride (PVC)  
Black colour

**CLASSIFICATION :** Maximum conductor temperature 70°C  
Circuit voltage not exceeding 300 volt

**TESTING VOLTAGE :** 2,000 VAC

**REFERENCE STANDARD :** TIS.11 PART 5-2553

Nominal Cross Sectional area (mm <sup>2</sup> )	No. of core	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.)			Lower Limit (mm)	Upper Limit (mm)				
0.5	2	0.21	0.7	0.5	0.6	3.0 x 4.9	3.7 x 5.9	3	0.012	29	100/C
0.75	2	0.21	0.9	0.5	0.6	3.2 x 5.2	3.8 x 6.3	6	0.010	36	100/C

C:Packing in coil.

