



CONDUCTOR : Flexible stranded annealed copper wire
Size 1.0 mm² up to Size 35 mm²

CLASSIFICATION: Maximum conductor temperature 70°C
Circuit voltage not exceeding 750 volt

INSULATION : Polyvinyl chloride (PVC)
Brown , Black , Grey

TESTING VOLTAGE: 2,500 VAC

SHEATH : Polyvinyl chloride (PVC)
Black colour

REFERENCE STANDARD: TIS. 11 PART 101-2559

Nominal Cross Sectional area (mm ²)	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.)							
1	0.21	1.31	0.8	1.4	10.5	10	0.0127	130	100/C
1.5	0.26	1.58	0.8	1.4	11.5	16.0	0.0111	160.0	100/C
2.5	0.26	2.04	0.8	1.4	13.0	20.0	0.0092	200.0	100/C
4	0.31	2.59	0.9	1.6	15.5	26.0	0.0084	291.0	100/C
6	0.31	3.60	0.9	1.8	17.5	34.0	0.0071	420.0	100/C
10	0.41	4.79	1.1	2.0	21.5	47.0	0.0068	684.0	500/D
16	0.41	5.88	1.1	2.4	25.0	63	0.0050	960	500/D
25	0.41	7.32	1.3	2.6	30.0	83	0.0048	1420	500/D
35	0.41	8.61	1.3	2.8	33.5	102	0.0041	1860	500/D

C:Packing in coil.