



CONDUCTOR :	Flexible stranded annealed copper wire Size 1.0 mm ² up to Size 35 mm ²	CLASSIFICATION:	Maximum conductor temperature 70°C Circuit voltage not exceeding 750 volt
INSULATION :	Polyvinyl chloride (PVC) Phase - Brown , Black , Gray Ground - Green/Yellow	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.)									
Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground						
1	1	0.21	0.21	1.31	1.31	0.8	0.8	1.4	11.5	10	0.0127	160	100/C
1.5	1.5	0.26	0.26	1.58	1.58	0.8	0.8	1.4	12.5	16	0.0111	190	100/C
2.5	2.5	0.26	0.26	2.04	2.04	0.8	0.8	1.4	14.0	25	0.0092	250	100/C
4	4	0.31	0.31	2.59	2.59	0.9	0.9	1.8	17.0	26	0.0084	380	100/C
6	6	0.31	0.31	3.6	3.6	0.9	0.9	2.0	19.5	34	0.0071	540	100/C
10	10	0.41	0.41	4.79	4.79	1.1	1.1	2.2	24.0	47	0.0068	860	500/D
16	16	0.41	0.41	5.88	5.88	1.1	1.1	2.6	28.0	63	0.0050	1220	500/D
25	16	0.41	0.41	7.32	5.88	1.3	1.1	2.8	33.0	83	0.0048	1670	500/D
35	16	0.41	0.41	8.61	5.88	1.3	1.1	3.1	37.0	102	0.0041	2110	500/D

C:Packing in coil.