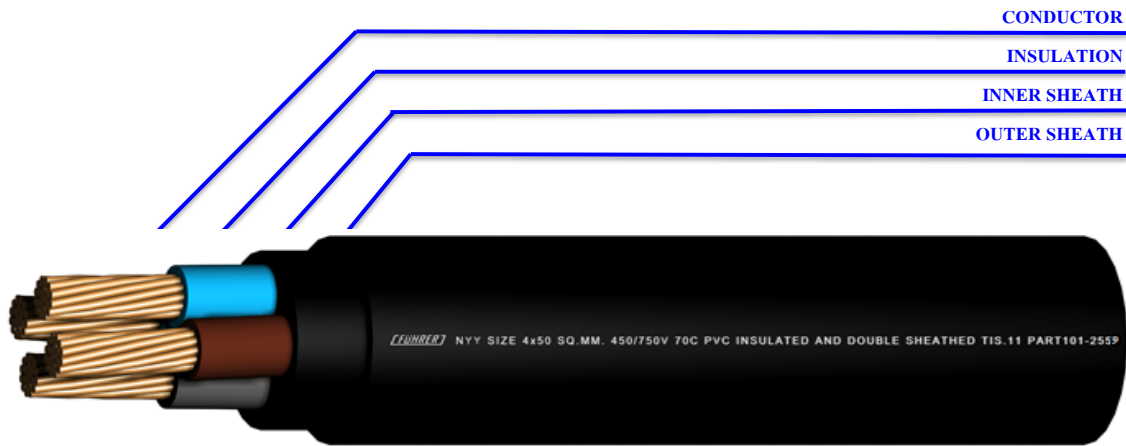


450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE



- CONDUCTOR :** Solid and Standard annealed copper
Size 1.0 mm² up to 300 mm²
- INSULATION :** Polyvinyl chloride (PVC)
Light Blue , Brown , Black , Grey
- INNER SHEATH :** Polyvinyl chloride (Black colour)
- OUTER SHEATH :** Polyvinyl chloride (Black colour)
- CLASSIFICATION :** Maximum conductor temperature 70°C
Circuit voltage not exceeding 750 volt
- TESTING VOLTAGE :** 2,500 V. AC.
- REFERENCE STANDARD :** TIS.11 PART 101-2559

Nominal Cross Sectional area (mm ²)	Conductor		Thickness of Insulation (mm)	Thickness of Inner Sheath (mm)	Thickness of Outer Sheath (mm)	Overall diameter (mm) (Approx.)	Maximum continuous current rating (A)		Minimum insulation resistance at 70°C (MΩ-Km)	Cable weight (approx.) Kg/Km	Standard length (m)
	Number of wire (Min)	Diameter (mm) (Approx.)									
							on cable ladder	Under ground			
1	1	1.11	0.8	0.8	1.8	13.5	13	21	0.0141	210	100/C
1	7	1.29	0.8	0.8	1.8	14.0	13	21	0.0135	220	100/C
1.5	1	1.36	0.8	0.8	1.8	14.0	16	26	0.0123	240	100/C
1.5	7	1.59	0.8	0.8	1.8	14.5	16	26	0.0116	260	100/C
2.5	1	1.75	0.8	0.8	1.8	15.0	22	35	0.0102	300	100/C
2.5	7	2.01	0.8	0.8	1.8	16.0	22	35	0.0093	320	100/C
4	1	2.21	0.9	0.8	1.8	17.0	30	45	0.0094	400	100/C
4	7	2.55	0.9	0.8	1.8	17.5	30	45	0.0085	440	100/C
6	7	3.12	0.9	0.8	1.8	19.0	37	57	0.0073	550	100/C
10	7	3.98	1.1	0.8	2.0	23.0	52	76	0.0069	840	500/D
16	7	5.10	1.1	1.2	2.0	26.5	70	99	0.0057	1200	500/D
25	7	6.33	1.3	1.2	2.0	31.0	88	128	0.0054	1760	500/D
35	7	7.60	1.3	1.5	2.2	35.0	110	154	0.0047	2360	500/D
50	19	8.83	1.5	1.5	2.2	39.5	133	181	0.0046	3020	500/D
70	19	10.58	1.5	1.5	2.4	44.5	171	223	0.0039	4090	500/D
95	19	12.50	1.7	1.8	2.6	51.5	207	267	0.0038	5580	300/D
120	37	14.07	1.7	1.8	2.8	56.0	240	304	0.0034	6800	300/D
150	37	15.61	1.9	2.0	3.0	62.0	278	342	0.0034	8360	300/D
185	37	17.50	2.1	2.0	3.2	68.0	317	386	0.0034	10310	200/D
240	37	20.07	2.3	2.2	3.4	76.5	374	448	0.0033	13350	200/D
300	61	22.50	2.5	2.2	3.8	85.0	432	507	0.0032	16500	200/D

C:Packing in coil.

D:Packing in drum.