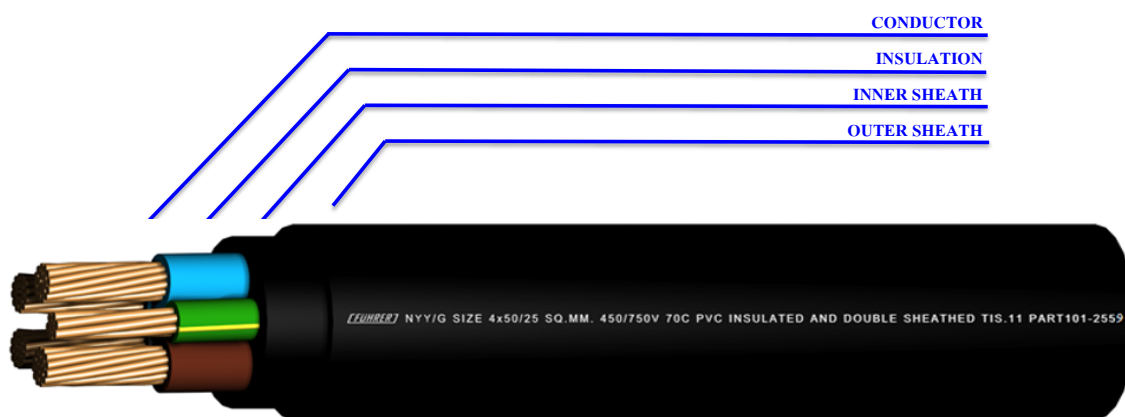


450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE WITH GROUND



CONDUCTOR : Solid and Standard annealed copper
 Size 1.0 mm² up to 300 mm²

INSULATION : Polyvinyl chloride (PVC)
 Phase - Light blue , Brown , Black , Grey
 Ground - Green/Yellow

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 VAC

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	Maximum continuous current rating (A)		Minimum insulation resistance at 70°C (MΩ-Km)	cable weight (approx.) Kg/Km	standard length (m)
		No. of wire of wires (Min.)		Diameter (mm) (Approx.)							on cable ladder	under ground			
Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground								
1	1	1	1	1.11	1.11	0.8	0.8	0.8	1.8	14.5	13	21	0.0141	240	100/C
1	1	7	7	1.29	1.29	0.8	0.8	0.8	1.8	15.0	13	21	0.0135	250	100/C
1.5	1.5	1	1	1.36	1.36	0.8	0.8	0.8	1.8	15.0	16	26	0.0123	280	100/C
1.5	1.5	7	7	1.59	1.59	0.8	0.8	0.8	1.8	16.0	16	26	0.0116	290	100/C
2.5	2.5	1	1	1.75	1.75	0.8	0.8	0.8	1.8	16.5	22	35	0.0102	350	100/C
2.5	2.5	7	7	2.01	2.01	0.8	0.8	0.8	1.8	17.0	22	35	0.0093	370	100/C
4	4	1	1	2.21	2.21	0.9	0.9	0.8	1.8	18.0	30	45	0.0094	470	100/C
4	4	7	7	2.55	2.55	0.9	0.9	0.8	1.8	19.0	30	45	0.0085	500	100/C
6	6	7	7	3.12	3.12	0.9	0.9	0.8	1.8	20.5	37	57	0.0073	660	500/D
10	10	7	7	3.98	3.98	1.1	1.1	0.8	2.0	25.0	52	76	0.0069	1010	500/D
16	16	19	7	5.01	5.01	1.1	1.1	1.2	2.0	28.5	70	99	0.0057	1450	500/D
25	16	7	7	6.33	5.01	1.3	1.1	1.2	2.0	34.0	88	128	0.0054	1990	500/D
35	16	7	7	7.60	5.01	1.3	1.1	1.5	2.2	39.0	110	154	0.0047	2570	500/D
50	25	19	7	8.83	6.33	1.5	1.3	1.5	2.2	43.5	133	181	0.0046	3390	500/D
70	35	19	7	10.58	7.60	1.5	1.3	1.5	2.4	49.0	171	223	0.0039	4570	500/D
95	50	19	19	12.50	8.83	1.7	1.5	1.8	2.6	56.5	207	267	0.0038	6230	300/D
120	70	37	19	14.07	10.58	1.7	1.5	1.8	2.8	61.5	240	304	0.0034	7700	300/D
150	95	37	19	15.61	12.50	1.9	1.7	2.0	3.0	68.0	278	342	0.0034	9610	300/D
185	95	37	19	17.50	12.50	2.1	1.7	2.0	3.2	75.0	317	386	0.0034	11530	200/D
240	120	37	37	20.07	14.07	2.3	1.7	2.2	3.4	84.5	374	448	0.0033	14840	200/D
300	150	61	37	22.50	15.61	2.5	1.9	2.2	3.8	93.5	432	507	0.0032	18340	150/D

C:Packing in coil.

D:Packing in drum.