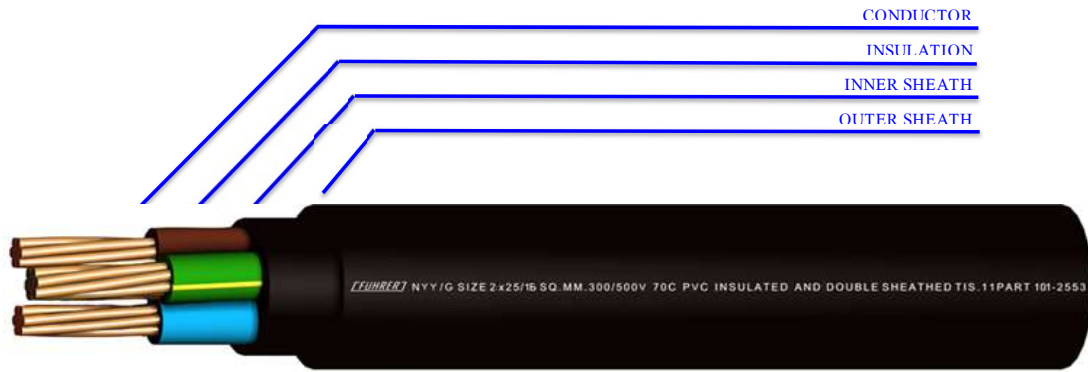




450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE WITH GROUND



CONDUCTOR :	Solid and Standard annealed copper Size 25 mm ² up to 300 mm ²	CLASSIFICATION :	Maximum conductor temperature 70°C Circuit voltage not exceeding 750 volt
INSULATION :	Polyvinyl chloride (PVC) Phase - Light blue , Brown Ground - Green/Yellow	TESTING VOLTAGE :	2,500 VAC
INNER SHEATH :	Polyvinyl chloride (Black colour)	REFERENCE STANDARD :	TIS.11 PART 101-2553
OUTER SHEATH :	Polyvinyl chloride (Black colour)		

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								
25	16	7	7	6.30	5.01	1.3	1.1	1.2	2.0	28.0	88	128	0.0054	1280	500/D
35	16	7	7	7.55	5.01	1.3	1.1	1.2	2.0	30.0	110	154	0.0047	1550	500/D
50	25	19	7	8.75	6.30	1.5	1.3	1.2	2.2	34.0	133	181	0.0046	2080	500/D
70	35	19	7	10.5	7.55	1.5	1.3	1.5	2.2	28.5	171	223	0.0039	2810	500/D
95	50	19	19	12.35	8.75	1.7	1.5	1.5	2.2	43.5	207	267	0.0038	3710	500/D
120	70	37	19	13.93	10.50	1.7	1.5	1.5	2.4	47.5	240	304	0.0034	4620	300/D
150	95	37	19	15.47	12.35	1.9	1.7	1.8	2.6	53.0	278	342	0.0034	5840	300/D
185	95	37	19	17.29	12.35	2.1	1.7	1.8	2.8	57.5	317	386	0.0034	6910	300/D
240	120	37	37	19.89	13.93	2.3	1.7	2.0	3.0	64.5	374	448	0.0033	8860	200/D
300	150	61	37	22.23	15.47	2.5	1.9	2.0	3.2	71.0	432	507	0.0032	10880	200/D

C:Packing in coil.

D:Packing in drum.





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



CONDUCTOR :	Solid and Standard annealed copper Size 25 mm ² up to 300 mm ²	CLASSIFICATION :	Maximum conductor temperature 70°C Circuit voltage not exceeding 750 volt
INSULATION :	Polyvinyl chloride (PVC) Phase - Brown , Black , Grey Ground - Green/Yellow	TESTING VOLTAGE :	2,500 VAC
INNER SHEATH :	Polyvinyl chloride (Black colour)	REFERENCE STANDARD :	TIS.11 PART 101-2553
OUTER SHEATH :	Polyvinyl chloride (Black colour)		

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								
25	16	7	7	6.30	5.01	1.3	1.1	1.2	2.0	30.5	88	128	0.0054	1620	500/D
35	16	7	7	7.55	5.01	1.3	1.1	1.2	2.0	33.0	110	154	0.0047	1990	500/D
50	25	19	7	8.75	6.30	1.5	1.3	1.5	2.2	38.5	133	181	0.0046	2730	500/D
70	35	19	7	10.5	7.55	1.5	1.3	1.5	2.2	42.5	171	223	0.0039	3630	500/D
95	50	19	19	12.35	8.75	1.7	1.5	1.5	2.4	48.5	207	267	0.0038	4870	500/D
120	70	37	19	13.93	10.50	1.7	1.5	1.8	2.6	53.5	240	304	0.0034	6120	300/D
150	95	37	19	15.47	12.35	1.9	1.7	1.8	2.8	59.0	278	342	0.0034	7610	300/D
185	95	37	19	17.29	12.35	2.1	1.7	2.0	3.0	64.5	317	386	0.0034	9130	300/D
240	120	37	37	19.89	13.93	2.3	1.7	2.0	3.2	72.0	374	448	0.0033	11660	200/D
300	150	61	37	22.23	15.47	2.5	1.9	2.2	3.4	79.5	432	507	0.0032	14410	200/D

C:Packing in coil.
D:Packing in drum.





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



CONDUCTOR :	Solid and Standard annealed copper Size 25 mm ² up to 300 mm ²	CLASSIFICATION :	Maximum conductor temperature 70°C Circuit voltage not exceeding 750 volt
INSULATION :	Polyvinyl chloride (PVC) Phase - Light blue , Brown , Black , Grey Ground - Green/Yellow	TESTING VOLTAGE :	2,500 VAC
INNER SHEATH :	Polyvinyl chloride (Black colour)	REFERENCE STANDARD :	TIS.11 PART 101-2553
OUTER SHEATH :	Polyvinyl chloride (Black colour)		

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								
25	16	7	7	6.30	5.01	1.3	1.1	1.2	2.0	34.0	88	128	0.0054	1990	500/D
35	16	7	7	7.55	5.01	1.3	1.1	1.5	2.2	29.0	110	154	0.0047	2570	500/D
50	25	19	7	8.75	6.30	1.5	1.3	1.5	2.2	43.5	133	181	0.0046	3390	500/D
70	35	19	7	10.5	7.55	1.5	1.3	1.5	2.4	49.0	171	223	0.0039	4570	500/D
95	50	19	19	12.35	8.75	1.7	1.5	1.8	2.6	56.5	207	267	0.0038	6230	300/D
120	70	37	19	13.93	10.50	1.7	1.5	1.8	2.8	61.5	240	304	0.0034	7700	300/D
150	95	37	19	15.47	12.35	1.9	1.7	2.0	3.0	68.0	278	342	0.0034	9610	300/D
185	95	37	19	17.29	12.35	2.1	1.7	2.0	3.2	75.0	317	386	0.0034	11530	200/D
240	120	37	37	19.89	13.93	2.3	1.7	2.2	3.4	84.5	374	448	0.0033	14840	200/D
300	150	61	37	22.23	15.47	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.

