

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



CONDUCTOR : Solid and Standard annealed copper
 Size 50 mm² up to 300 mm²

INSULATION : Polyvinyl chloride (PVC)
 Light Blue , Brown

INNER SHEATH : Polyvinyl chloride (Black colour)

OUTER SHEATH : Polyvinyl chloride (Black colour)

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

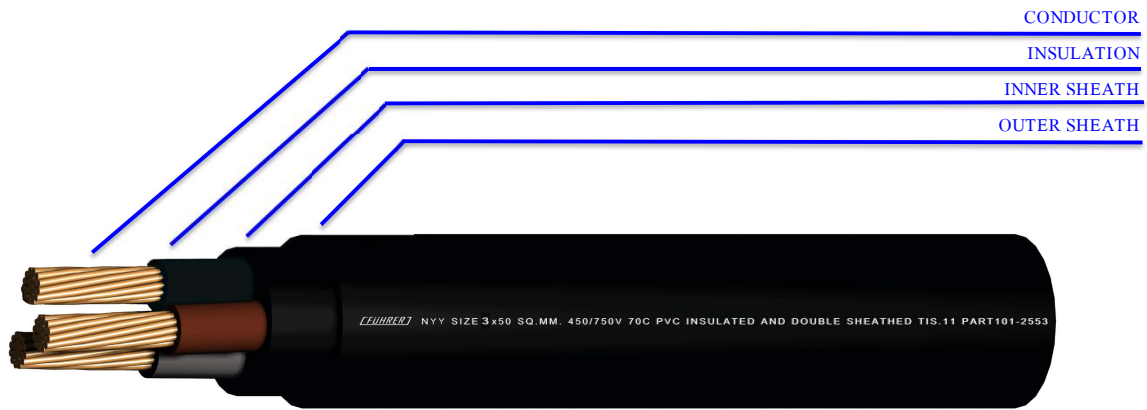
TESTING VOLTAGE : 2,500 VAC

REFERENCE STANDARD : TIS.11 PART 101-2553

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			
50	19	8.75	1.5	1.2	2.2	33.5	133	133	0.0046	1850	500/D
70	19	10.5	1.5	1.5	2.2	38.0	171	171	0.0039	2500	500/D
95	19	12.35	1.7	1.5	2.2	42.5	207	207	0.0038	3300	500/D
120	37	13.93	1.7	1.5	2.4	46.5	240	240	0.0034	4010	500/D
150	37	15.47	1.9	1.8	2.6	52.0	278	278	0.0034	4970	300/D
185	37	17.29	2.1	1.8	2.8	57.0	317	317	0.0034	6110	300/D
240	37	19.89	2.3	2.0	3.0	64.0	374	374	0.0033	7900	300/D
300	61	22.23	2.5	2.0	3.2	70.5	432	432	0.0032	9690	200/D

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

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



- | | | | |
|----------------|---|----------------------|--|
| CONDUCTOR : | Solid and Standard annealed copper | CLASSIFICATION : | Maximum conductor temperature 70°C |
| | Size 50 mm ² up to 300 mm ² | | Circuit voltage not exceeding 750 volt |
| INSULATION : | Polyvinyl chloride (PVC) | TESTING VOLTAGE : | 2,500 VAC |
| | Brown , Black , Grey | REFERENCE STANDARD : | TIS.11 PART 101-2553 |
| INNER SHEATH : | Polyvinyl chloride (Black colour) | | |
| 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 (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			
50	19	8.75	1.5	1.5	2.2	36.0	133	181	0.0046	2410	500/D
70	19	10.5	1.5	1.5	2.2	40.5	171	223	0.0039	3200	500/D
95	19	12.35	1.7	1.5	2.4	46.0	207	267	0.0038	4300	500/D
120	37	13.93	1.7	1.8	2.6	50.5	240	3.04	0.0034	4320	300/D
150	37	15.47	1.9	1.8	2.8	56.0	278	342	0.0034	6490	300/D
185	37	17.29	2.1	2.0	3.0	61.5	317	386	0.0034	8060	300/D
240	37	19.89	2.3	2.0	3.2	69.0	374	448	0.0033	10360	200/D
300	61	22.23	2.5	2.2	3.4	76.0	432	507	0.0032	12810	200/D

C:Packing in coil.

D:Packing in drum.



CONDUCTOR : Solid and Standard annealed copper
 Size 50 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 101-2553

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			
50	19	8.75	1.5	1.5	2.2	39.5	133	181	0.0046	3020	500/D
70	19	10.5	1.5	1.5	2.4	44.5	171	223	0.0039	4090	500/D
95	19	12.35	1.7	1.5	2.6	51.5	207	267	0.0038	5580	300/D
120	37	13.93	1.7	1.8	2.8	56.0	240	3.04	0.0034	6800	300/D
150	37	15.47	1.9	1.8	3	62.0	278	342	0.0034	8360	300/D
185	37	17.29	2.1	2.0	3.2	68.0	317	386	0.0034	10310	200/D
240	37	19.89	2.3	2.0	3.4	76.5	374	448	0.0033	13350	200/D
300	61	22.23	2.5	2.2	3.8	85.0	432	507	0.0032	16500	200/D

C:Packing in coil.

D:Packing in drum.