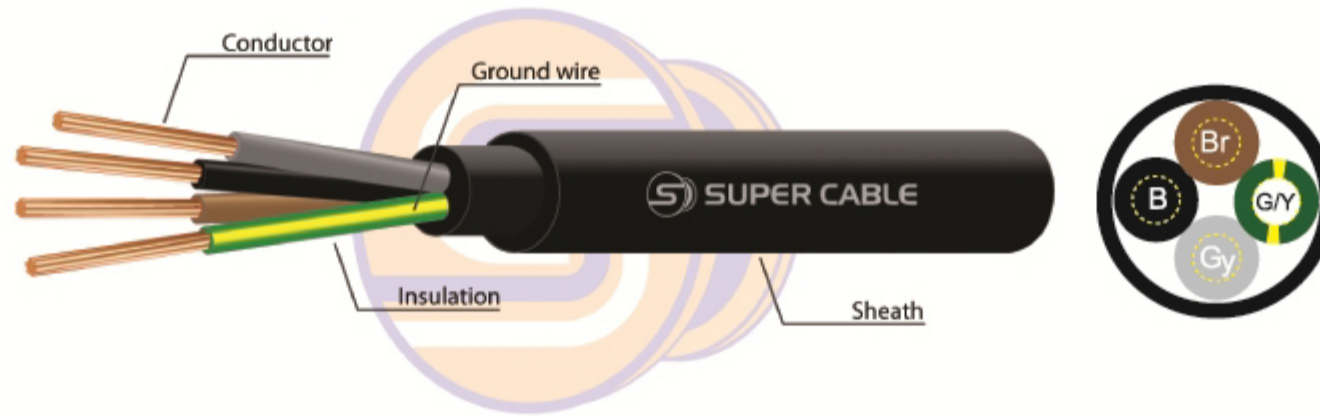


NYY-G

450/750 V.70°C STRANDED CONDUCTOR

PVC INSULATED AND DOUBLE SHEATHED, 3 CORES WITH GROUND



APPLICATION

- Use for general purpose
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

TESTING VOLTAGE : 2,500 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 101, TABLE 5

CABLE STRUCTURE

CONDUCTOR : Annealed Stranded Copper

CLASS 2 Size 25/16 - 300/150 mm²

INSULATION : Polyvinyl chloride type PVC/C

INNER SHEATHED :

Polyvinyl chloride type PVC/ST4

OUTER SHEATHED :

Polyvinyl chloride type PVC/ST4

CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

450/750 Volts (U₀/U)

450 Volts between Line to Earth (U₀)

750 Volts between Line to Line (U)

Technical Data

TIS 11-2553 PART 101, TABLE 5

Nominal cross sectional area	Conductor type	Phase Core			Ground Core			Nominal inner sheathed thickness	Nominal outer Sheathed Thickness	Overall diameter (approx.)	Maximum conductor resistance at 20°C (Phase)	Maximum conductor resistance at 20°C (Ground)	Minimum insulation resistance at 70°C	Current rating		Cable weight (approx.)	Standard packing
		Number of wires	Diameter (approx.)	Nominal insulation thickness	Number of wires	Diameter (approx.)	Nominal insulation thickness							on cable ladder	direct burial in ground		
mm ²	Class	No.	mm	mm	No.	mm	mm	mm	mm	mm	Ω/km	Ω/km	MΩ-km	A	A	kg/km	m
25/16	2	7	6.33	1.3	7	5.04	1.1	1.2	2.0	30.5	0.727	1.150	0.0054	88	128	1,500	500/D
35/16	2	7	7.47	1.3	7	5.04	1.1	1.2	2.0	33.0	0.524	1.150	0.0047	110	154	1,900	500/D
50/25	2	19	8.80	1.5	7	6.33	1.3	1.5	2.2	38.5	0.387	0.727	0.0046	133	181	2,600	500/D
70/35	2	19	10.55	1.5	7	7.47	1.3	1.5	2.2	42.5	0.268	0.524	0.0039	171	223	3,500	500/D
95/50	2	19	12.45	1.7	19	8.80	1.5	1.5	2.4	48.5	0.193	0.387	0.0038	207	267	4,700	500/D
120/70	2	37	14.00	1.7	19	10.55	1.5	1.8	2.6	53.5	0.153	0.268	0.0034	240	304	6,000	500/D
150/95	2	37	15.54	1.9	19	12.45	1.7	1.8	2.8	59.0	0.124	0.193	0.0034	278	342	7,500	300/D
185/95	2	37	17.43	2.1	19	12.45	1.7	2.0	3.0	64.5	0.0991	0.193	0.0034	317	386	9,000	300/D
240/120	2	61	19.98	2.3	37	14.00	1.7	2.0	3.2	72.0	0.0754	0.153	0.0033	374	448	11,500	200/D
300/150	2	61	22.41	2.5	37	15.54	1.9	2.2	3.4	79.5	0.0601	0.124	0.0032	432	507	14,000	200/D

Conductor Class 2 : Stranded
D : Packing in drum

Core Color : Brown, Black, Grey, Green/Yellow

การใช้งาน

- ใช้งานทั่วไป
- วางบนรางเคเบิล
- รอยต่อฝังดินหรือฝังดินโดยตรง