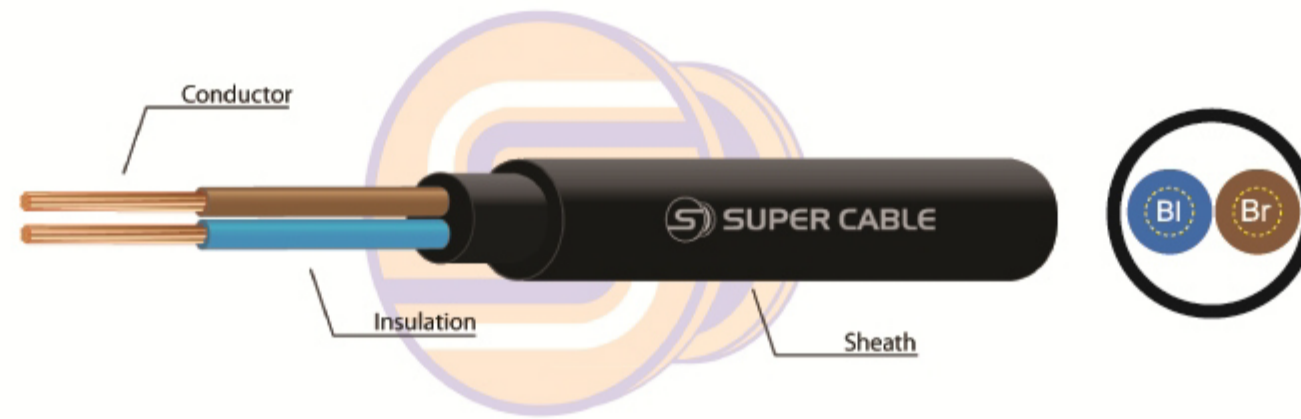


60227 IEC 10

300/500 V. 70°C SOLID OR STRANDED CONDUCTOR
PVC INSULATED AND DOUBLE SHEATHED, 2 CORES



APPLICATION

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Laid on cable trays/Cable ladder
- Do not install in duct in ground or direct burial in ground

TESTING VOLTAGE : 2,000 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 4, TABLE 1

CABLE STRUCTURE

CONDUCTOR : Annealed Solid or Stranded Copper

CLASS 1 & 2 Size 1.5 - 35 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

300/500 Volts (U₀/U)

300 Volts between Line to Earth (U₀)

500 Volts between Line to Line (U)

Technical Data



TIS 11-2553 PART 4, TABLE 1

Nominal cross sectional area	Conductor type	Number of wires	Diameter (approx.)	Nominal insulation thickness	Nominal inner sheathed thickness	Nominal outer sheathed thickness	Overall diameter (approx.)		Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
							minimum	maximum					
mm ²	mm	No.	mm	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
1.5	1	1	1.37	0.7	0.4	1.2	7.6	10.0	12.1	0.0110	16	120	100/C
1.5	2	7	1.56	0.7	0.4	1.2	7.8	10.5	12.1	0.0100	16	130	100/C
2.5	1	1	1.74	0.8	0.4	1.2	8.6	11.5	7.41	0.0100	22	160	100/C
2.5	2	7	2.01	0.8	0.4	1.2	9.0	12.0	7.41	0.0090	22	180	100/C
4	1	1	2.21	0.8	0.4	1.2	9.6	12.5	4.61	0.0085	30	210	100/C
4	2	7	2.52	0.8	0.4	1.2	10.0	13.0	4.61	0.0077	30	220	100/C
6	1	1	2.70	0.8	0.4	1.2	10.5	13.5	3.08	0.0070	37	270	100/C
6	2	7	3.08	0.8	0.4	1.2	11.0	14.0	3.08	0.0065	37	190	100/C
10	1	1	3.52	1.0	0.6	1.4	13.0	16.5	1.83	0.0070	52	420	1,000/D
10	2	7	3.99	1.0	0.6	1.4	13.5	17.5	1.83	0.0065	52	460	1,000/D
16	2	7	5.04	1.0	0.6	1.4	15.5	20.0	1.15	0.0052	70	650	1,000/D
25	2	7	6.33	1.2	0.8	1.4	18.5	24.0	0.727	0.0050	88	950	500/D
35	2	19	7.47	1.2	1.0	1.6	21.0	27.5	0.524	0.0044	110	1,300	500/D

Conductor Class 1 : Solid
2 : Stranded

C : Packing in coil
D : Packing in drum

Core Color : Blue, Brown

การใช้งาน

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าของเดินสาย
- วางบนรางเคเบิล
- ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง