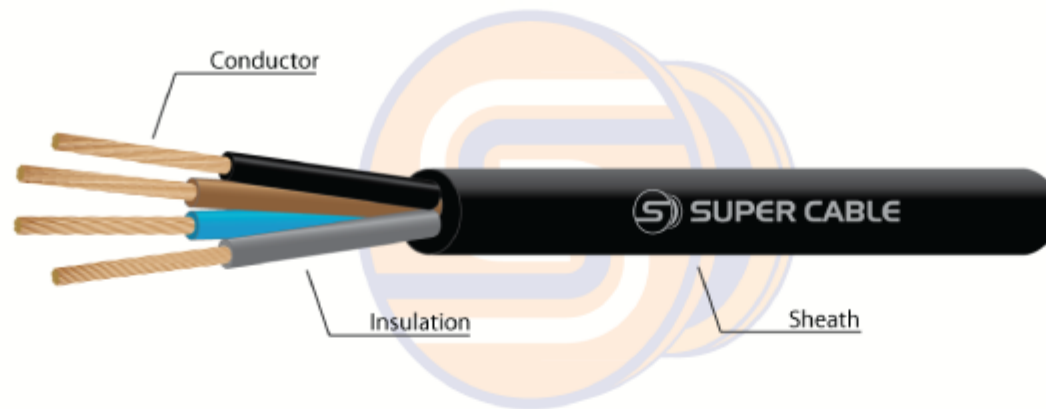


# 60227 IEC 53

300/500 V. 70°C FLEXIBLE CONDUCTOR  
PVC INSULATED AND SHEATHED, 4 CORES



## APPLICATION

- Use for connecting portable electric appliances (heavy duty)
- Use for connecting lamp

TESTING VOLTAGE : 2,000 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 5, TABLE 9

## CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 0.75, 1, 1.5 & 2.5 mm<sup>2</sup>

INSULATION : Polyvinyl chloride type PVC/D

SHEATHED : Polyvinyl chloride type PVC/ST5

## CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

300/500 Volts (U<sub>0</sub>/U)

300 Volts between Line to Earth (U<sub>0</sub>)

500 Volts between Line to Line (U)

## Technical Data



TIS 11-2553 PART 5, TABLE 9

Nominal cross sectional area	Conductor type	Number of wires	Diameter of wires	Diameter (approx.)	Nominal insulation thickness	Nominal 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 <sup>2</sup>	Class	No.	mm	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
0.75	5	24	0.21	1.13	0.6	0.8	6.6	8.3	26.0	0.011	6	84	100/C
1	5	32	0.21	1.31	0.6	0.8	7.1	9.0	19.5	0.010	10	105	100/C
1.5	5	30	0.26	1.58	0.7	0.9	8.4	10.5	13.3	0.010	16	145	1,000/D
2.5	5	50	0.26	2.04	0.8	1.1	10.1	12.5	7.98	0.009	20	215	1,000/D

Conductor Class 5 : Flexible

C : Packing in coil

D : Packing in drum

Core Color :

- Option 1 : Blue, Brown, Black, Grey
- Option 2 : Brown, Black, Grey, Green/Yellow

การใช้งาน

- ใช้ต่อเข้าเครื่องใช้ไฟฟ้าชนิดหีบยกได้ (ใช้งานหนัก)
- ใช้ต่อเข้าดวงโคม