

60227 IEC 06

300/500 V. 70°C FLEXIBLE CONDUCTOR
PVC INSULATED, SINGLE CORE



APPLICATION

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Do not install in duct in ground or direct burial in ground

TESTING VOLTAGE : 2,000 Volts

REFERENCE STANDARD :

TIS 11 PART 3-2553, TABLE 7

CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 0.5, 0.75 & 1 mm²

INSULATION : Polyvinyl chloride type PVC/C

CORE IDENTIFICATION : Single Core, Color as request

CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

300/500 Volts (U_0/U)

300 Volts between Line to Earth (U_0)

500 Volts between Line to Line (U)

Technical Data



TIS 11 PART 3-2553, TABLE 7

Nominal cross sectional area	Conductor type	Maximum diameter of wires	Nominal insulation thickness	Overall diameter		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	Class	mm	mm	mm	mm	Ω/km	MΩ·km	A	kg/km	m
0.5	5	0.21	0.6	2.1	2.5	39.0	0.013	3	9	100/C
0.75	5	0.21	0.6	2.2	2.7	26.0	0.011	6	12	100/C
1	5	0.21	0.6	2.4	2.8	19.5	0.010	10	15	100/C

Conductor Class 5 : Flexible

C : Packing in coil

Core Color : Blue, Brown, Black, Grey, White, Red, Green, Yellow, Green/Yellow or upon customer request

การใช้งาน

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าสู่ช่องเดินสาย
- ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง