

60227 IEC 08 (HVSF)

300/500 V. 90°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 11-2553 PART 3, TABLE 11

CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 0.5 - 2.5 mm²

INSULATION : Polyvinyl chloride type PVC/E

CORE IDENTIFICATION : Single Core, Color as request

CLASSIFICATION

Maximum Conductor Temperature : 90°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 3, TABLE 11

Nominal cross sectional area	Conductor type	Number of wires	Diameter of wires	Diameter (approx.)	Nominal insulation thickness	Overall diameter (approx.)		Maximum conductor resistance at 20°C	Minimum insulation resistance at 90°C	Current rating in free air	Cable weight (approx.)	Standard packing
						minimum	maximum					
mm ²	Class	No.	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
0.5	5	16	0.21	0.92	0.6	2.1	2.5	39.0	0.013	3	9	100/C
0.75	5	24	0.21	1.13	0.6	2.2	2.7	26.0	0.012	6	12	100/C
1	5	32	0.21	1.30	0.6	2.4	2.8	19.5	0.010	10	15	100/C
1.5	5	30	0.26	1.57	0.7	2.8	3.4	13.3	0.009	16	21	100/C
2.5	5	50	0.26	2.03	0.8	3.4	4.1	7.98	0.009	25	33	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
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าของเดินสาย
- ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง