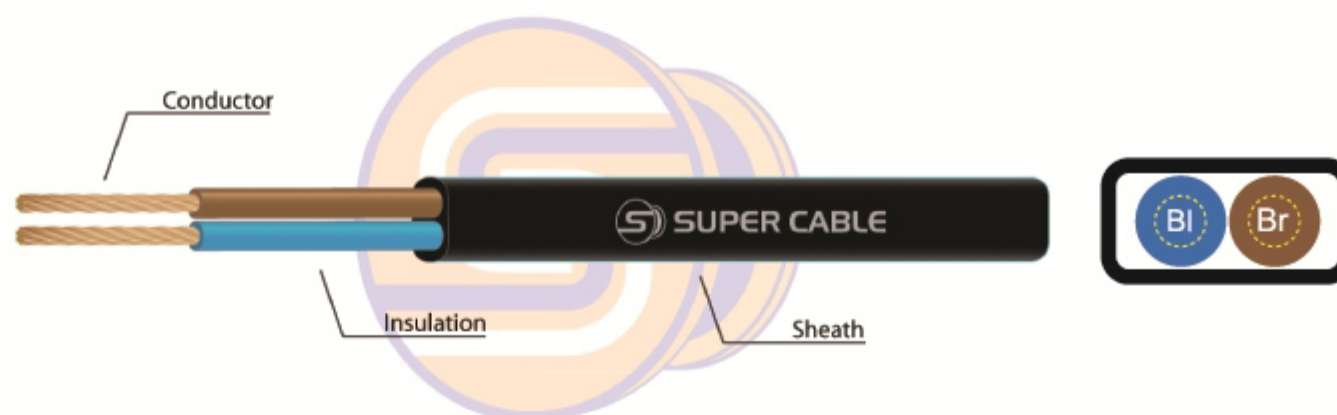


# 60227 IEC 56 ( HVKF )

300/300 V. 90°C FLEXIBLE CONDUCTOR

PVC INSULATED AND SHEATHED, 2 CORES FLAT TYPE



## APPLICATION

- Use for connecting portable electric appliances (heavy duty)

TESTING VOLTAGE : 2,000 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 5, TABLE 11

## CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 0.5 & 0.75 mm<sup>2</sup>

INSULATION : Polyvinyl chloride type PVC/E

SHEATHED : Polyvinyl chloride type PVC/ST10

## CLASSIFICATION

Maximum Conductor Temperature : 90°C

Circuit Voltage does not exceed

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

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

300 Volts between Line to Line (U)

## Technical Data



TIS 11-2553 PART 5, TABLE 11

| 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 90°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                |
| 0.5                          | 5              | 16              | 0.21              | 0.92               | 0.5                          | 0.6                        | 3.0 x 4.9                  | 3.7 x 5.9 | 39.0                                 | 0.012                                 | 3                          | 28                     | 100/C            |
| 0.75                         | 5              | 24              | 0.21              | 1.13               | 0.5                          | 0.6                        | 3.2 x 5.2                  | 3.8 x 6.3 | 26.0                                 | 0.010                                 | 6                          | 35                     | 100/C            |

Conductor Class 5 : Flexible

C : Packing in coil

Core Color : Blue, Brown

การใช้งาน

- ใช้ต่อเข้าเครื่องใช้ไฟฟ้าชนิดหีบยกได้ (ใช้งานหนัก)