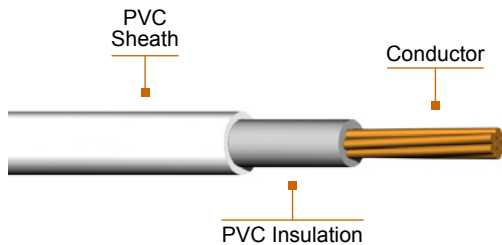


PD-VV (Table 5 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Single Core



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 1 mm² up to 35 mm²

Insulation

Heat resistant Polyvinyl Chloride (Grey color)

Sheath

Heat resistant Polyvinyl Chloride (White color)

Application

Fixed installation, maximum conductor temperature 70°C, circuit voltage does not exceed 750 volts.

Standards / Testing Specifications

- PD-VV meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

Marking

PHELPS DODGE 1x(SIZE) SQ.MM. PD-VV 750V PVC 70°C ⊕ TIS 11-2531 TABLE 5.

Installation

For fixed installation in wet or dry location. The cable is suitable for surface wiring or concealed wiring in wooden partition.



PD-VV (Table 5 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Single Core

| PHELPS DODGE TYPE LETTER | Nominal Sectional Area | Number & Diameter of Wire | Thickness of Insulation | Thickness of Sheath | Overall Diameter | Allowable Ampacities Free Air @ 40°C | Minimum insulation resistance @ 70°C | Cable Weight (approx) | Standard Packing |
|--------------------------------|------------------------------|---------------------------------|----------------------------|------------------------|---------------------|---|---|-----------------------------|---------------------|
| | mm ² | No. / mm | mm | mm | mm | A | MΩ - km | kg / km | m |
| 1 PD-VV | 1 | 1/1.13 | 0.8 | 1.0 | 5.4 | 16 | 0.0141 | 35 | 100/C |
| 1 PD-VV | 1 | 7/0.40 | 0.8 | 1.0 | 5.6 | 16 | 0.0135 | 35 | 100/C |
| 1.5 PD-VV | 1.5 | 1/1.38 | 0.8 | 1.0 | 5.8 | 21 | 0.0123 | 41 | 100/C |
| 1.5 PD-VV | 1.5 | 7/0.50 | 0.8 | 1.0 | 6.0 | 21 | 0.0116 | 41 | 100/C |
| 2.5 PD-VV | 2.5 | 1/1.78 | 0.8 | 1.2 | 6.6 | 29 | 0.0102 | 60 | 100/C |
| 2.5 PD-VV | 2.5 | 7/0.67 | 0.8 | 1.2 | 7.0 | 29 | 0.0093 | 60 | 100/C |
| 4 PD-VV | 4 | 1/2.25 | 0.9 | 1.2 | 7.4 | 39 | 0.0094 | 80 | 100/C |
| 4 PD-VV | 4 | 7/0.85 | 0.9 | 1.2 | 7.8 | 39 | 0.0085 | 80 | 100/C |
| 6 PD-VV | 6 | 7/1.04 | 0.9 | 1.4 | 8.8 | 51 | 0.0073 | 120 | 100/C |
| 10 PD-VV | 10 | 7/1.35 | 1.1 | 1.4 | 10.5 | 70 | 0.0069 | 170 | 100/C |
| 16 PD-VV | 16 | 7/1.70 | 1.1 | 1.5 | 11.5 | 96 | 0.0057 | 250 | 100/C |
| 25 PD-VV | 25 | 7/2.14 | 1.3 | 1.5 | 13.5 | 127 | 0.0054 | 360 | 500/R |
| 35 PD-VV | 35 | 19/1.53 | 1.3 | 1.6 | 15.0 | 157 | 0.0047 | 407 | 500/R |

C = Packing in coil
R = Packing in reel