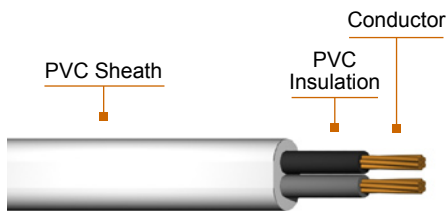


## PD-VAF (Table 2 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed Flat Type, Two Core



### Detail Description or Construction

#### Conductor

Annealed copper, solid or stranded  
sizes 0.5 mm<sup>2</sup> up to 35 mm<sup>2</sup>

#### Insulation

Heat resistant Polyvinyl Chloride  
(Grey and Black color)

#### Sheath

Heat resistant Polyvinyl Chloride  
(White color)

### Application

Residential surface wiring, maximum  
conductor temperature 70°C, circuit  
voltage does not exceed 300 volts.

### Standards / Testing Specifications

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

### Marking

PHELPS DODGE 2x(SIZE) SQ.MM. PD-VAF  
300V PVC 70°C ⊕ TIS 11-2531 TABLE 2.

### Installation

For surface or above ceiling wiring  
or direct embedded in plaster.



## PD-VAF (Table 2 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed Flat Type, Two Core

PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Number & Diameter of Wire	Thickness of Insulation	Thickness of Sheath	Overall Dimension	Allowable Ampacities Free Air @ 40°C	Minimum Insulation Resistance @ 70°C	Cable Weight (approx)	Standard Packing
	mm <sup>2</sup>	No. / mm	mm	mm	mm	A	MΩ - km	kg / km	m
2 x 0.5 PD-VAF	0.5	1/0.80	0.6	0.9	4.4x6.8	8	0.0146	37	100/C
2 x 1 PD-VAF	1	1/1.13	0.6	0.9	4.8x7.4	13	0.0115	50	100/C
2 x 1 PD-VAF	1	7/0.40	0.6	0.9	5.0x7.8	13	0.0110	50	100/C
2 x 1.5 PD-VAF	1.5	1/1.38	0.6	1.2	5.8x8.6	17	0.0100	70	100/C
2 x 1.5 PD-VAF	1.5	7/0.50	0.6	1.2	6.0x9.2	17	0.0094	70	100/C
2 x 2.5 PD-VAF	2.5	1/1.78	0.7	1.2	6.4x10.0	23	0.0092	100	100/C
2 x 2.5 PD-VAF	2.5	7/0.67	0.7	1.2	6.8x10.5	23	0.0084	100	100/C
2 x 4 PD-VAF	4	1/2.25	0.8	1.2	7.2x11.5	30	0.0086	140	100/C
2 x 4 PD-VAF	4	7/0.85	0.8	1.2	7.6x12.0	30	0.0078	140	100/C
2 x 6 PD-VAF	6	7/1.04	0.8	1.2	8.2x13.5	40	0.0066	200	100/C
2 x 10 PD-VAF	10	7/1.35	0.9	1.2	9.4x16.0	55	0.0059	300	100/C
2 x 16 PD-VAF	16	7/1.70	1.0	1.2	11.0x18.5	74	0.0053	440	100/C
2 x 25 PD-VAF	25	7/2.14	1.2	1.4	13.0x22.5	97	0.0051	690	500/R
2 x 35 PD-VAF	35	19/1.53	1.2	1.4	14.5x25.0	120	0.0043	900	500/R

C = Packing in coil  
R = Packing in reel