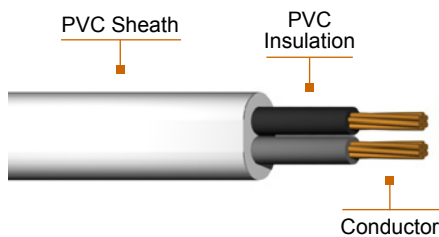


## PD-VAFF (Table 17 of TIS 11-2531 Standard)

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



### Detail Description or Construction

#### Conductor

Annealed copper, bunch 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-VAFF meets or exceeds applicable  
TIS 11-2531 standards and requirements  
of Thai Industrial Standard.

### Marking

**PHELPS DODGE 2x(SIZE) SQ.MM.**  
**PD-VAFF 300V PVC 70°C TIS 11-2531**  
**TABLE 17.**

### Installation

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



## PD-VAFF (Table 17 of TIS 11-2531 Standard)

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

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
2x0.5 PD-VAFF	0.5	16/0.21	0.6	0.9	4.7 X 7.2	8	0.0132	37	100/C
2x0.5 PD-VAFF	0.5	28/0.16	0.6	0.9	4.7 X 7.2	8	0.0133	37	100/C
2x1 PD-VAFF	1	32/0.21	0.6	0.9	5.2 X 8.0	13	0.0104	50	100/C
2x1.5 PD-VAFF	1.5	30/0.26	0.6	1.2	6.2 X 9.4	17	0.0090	70	100/C
2x2.5 PD-VAFF	2.5	50/0.26	0.7	1.2	7.2 X 11.5	23	0.0083	100	100/C
2x4 PD-VAFF	4	56/0.31	0.8	1.2	8.0 X 13.0	30	0.0076	140	100/C
2x6 PD-VAFF	6	84/0.31	0.8	1.2	8.8 X 14.5	40	0.0065	200	100/C
2x10 PD-VAFF	10	80/0.41	0.9	1.2	10.5 X 17.5	55	0.0057	300	100/C
2x16 PD-VAFF	16	126/0.41	1.0	1.2	12.0 X 20.5	74	0.0047	440	100/C
2x25 PD-VAFF	25	196/0.41	1.2	1.4	14.5 X 25.0	97	0.0045	690	500/R
2x35 PD-VAFF	35	276/0.41	1.2	1.4	16.0 X 28.0	120	0.0038	900	500/R

C = Packing in coil  
R = Packing in reel