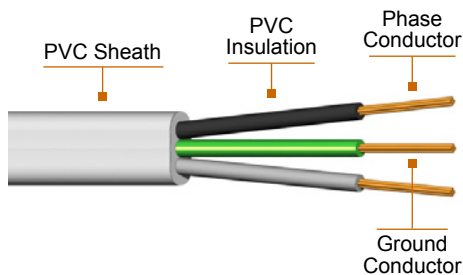


PD-VAF-G (Table 11 of TIS 11-2531 Standard)

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



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 1 mm² up to 35 mm² (Phase) sizes 1 mm² up to 10 mm² (Ground)

Insulation

Heat resistant polyvinyl chloride (Phase: Grey and Black color, Ground: Green with Yellow Stripe 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-G meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

Marking

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

Installation

Surfaced wiring. Concealed wiring in wooden partition, or above ceiling. Embed in plaster.



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

PHELPS DODGE TYPE LETTER	Phase Core			Ground Core		
	Nominal Sectional Area	Number & Diameter of Wire	Thickness of Insulation	Nominal Sectional Area	Number & Diameter of Wire	Thickness of Insulation
	mm ²	No. / mm	mm	mm ²	No. / mm	mm
2x1/1 PD-VAF-G	1	1/1.13	0.6	1	1/1.13	0.6
2x1/1 PD-VAF-G	1	7/0.40	0.6	1	7/0.40	0.6
2x1.5/1 PD-VAF-G	1.5	1/1.38	0.6	1	1/1.13	0.6
2x1.5/1 PD-VAF-G	1.5	7/0.50	0.6	1	7/0.40	0.6
2x2.5/1.5 PD-VAF-G	2.5	1/1.78	0.7	1.5	1/1.38	0.6
2x2.5/1.5 PD-VAF-G	2.5	7/0.67	0.7	1.5	7/0.50	0.6
2x4/2.5 PD-VAF-G	4	1/2.25	0.8	2.5	1/1.78	0.6
2x4/2.5 PD-VAF-G	4	7/0.85	0.8	2.5	7/0.67	0.6
2x6/4 PD-VAF-G	6	7/1.04	0.8	4	7/0.85	0.6
2x10/4 PD-VAF-G	10	7/1.35	0.9	4	7/0.85	0.6
2x16/6 PD-VAF-G	16	7/1.70	1.0	6	7/1.04	0.6
2x25/6 PD-VAF-G	25	7/2.14	1.2	6	7/1.04	0.6
2x35/10 PD-VAF-G	35	19/1.53	1.2	10	7/1.35	0.6



PD-VAF-G (Table 11 of TIS 11-2531 Standard)

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

PHELPS DODGE TYPE LETTER	Thickness of Sheath	Overall Diameter	Allowable Ampacities Free Air @ 40°C	Minimum Insulation Resistance @ 70°C	Cable Weight (approx)	Standard Packing
2x1/1 PD-VAF-G	0.9	4.8x10.0	13	0.0115	70	100/C
2x1/1 PD-VAF-G	0.9	5.0x10.5	13	0.0110	70	100/C
2x1.5/1 PD-VAF-G	1.2	5.8x11.5	17	0.0100	95	100/C
2x1.5/1 PD-VAF-G	1.2	6.0x12.0	17	0.0094	95	100/C
2x2.5/1.5 PD-VAF-G	1.2	6.4x13.0	23	0.0092	130	100/C
2x2.5/1.5 PD-VAF-G	1.2	6.8x14.0	23	0.0084	130	100/C
2x4/2.5 PD-VAF-G	1.2	7.2x15.0	30	0.0086	190	100/C
2x4/2.5 PD-VAF-G	1.2	7.6x16.0	30	0.0078	190	100/C
2x6/4 PD-VAF-G	1.2	8.2x17.5	40	0.0066	270	100/C
2x10/4 PD-VAF-G	1.2	9.4x20.0	55	0.0059	380	100/C
2x16/6 PD-VAF-G	1.2	11.0x23.0	74	0.0053	550	500/R
2x25/6 PD-VAF-G	1.4	13.0x27.0	97	0.0051	810	500/R
2x35/10 PD-VAF-G	1.4	14.5x31.0	120	0.0043	1,070	500/R

C = Packing in coil
R = Packing in reel