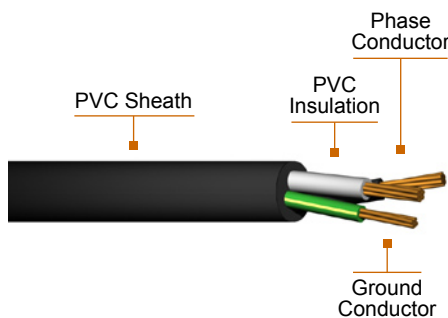


PD-VVR-G (Table 12 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, 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 (Black color)

Application

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

Standards / Testing Specifications

- PD-VVR-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-VVR-G 300V PVC 70°C ⓘ TIS 11-2531 TABLE 12.

Installation

Exposed wiring in air or use in raceway.



PD-VVR-G (Table 12 of TIS 11-2531 Standard)

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

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

R = Packing in reel



PD-VVR-G (Table 12 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, 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
	mm	mm	A	MΩ - km	kg / km	m
2x1/1 PD-VVR-G	0.9	8	13	0.0115	80	500/R
2x1/1 PD-VVR-G	0.9	8.4	13	0.0110	80	500/R
2x1.5/1 PD-VVR-G	1.2	9.2	17	0.0100	100	500/R
2x1.5/1 PD-VVR-G	1.2	9.6	17	0.0094	100	500/R
2x2.5/1.5 PD-VVR-G	1.2	10.5	23	0.0092	140	500/R
2x2.5/1.5 PD-VVR-G	1.2	11.5	23	0.0084	140	500/R
2x4/2.5 PD-VVR-G	1.2	12.5	30	0.0086	200	500/R
2x4/2.5 PD-VVR-G	1.2	13	30	0.0078	200	500/R
2x6/4 PD-VVR-G	1.2	14.5	40	0.0066	290	500/R
2x10/4 PD-VVR-G	1.2	16	55	0.0059	410	500/R
2x16/6 PD-VVR-G	1.4	19	74	0.0053	610	500/R
2x25/6 PD-VVR-G	1.4	22.5	97	0.0051	880	500/R
2x35/10 PD-VVR-G	1.4	25.5	120	0.0043	1,176	500/R

R = Packing in reel