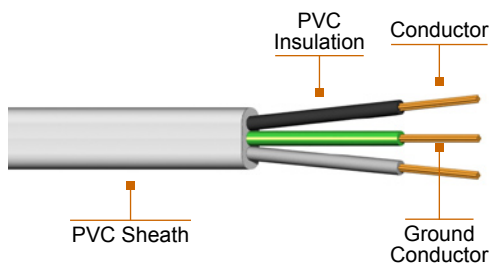


PD-VVF-G (Table 13 of TIS 11-2531 Standard)

750 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

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

Standards / Testing Specifications

- PD-VVF-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-VVF-G 750V PVC 70°C ⊕ TIS 11-2531 TABLE 13.

Installation

For fixed installation in damp location. The cable is suitable for surface wiring or concealed wiring in wooden partition. The ground conductor accompany in the cable caused the cable being suitable for use in grounded electrical system.



PD-VVF-G (Table 13 of TIS 11-2531 Standard)

750 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-VVF-G	1	1/1.13	0.8	1	1/1.13	0.6
2x1/1	PD-VVF-G	1	7/0.40	0.8	1	7/0.40	0.6
2x1.5/1	PD-VVF-G	1.5	1/1.38	0.8	1	1/1.13	0.6
2x1.5/1	PD-VVF-G	1.5	7/0.50	0.8	1	7/0.40	0.6
2x2.5/1.5	PD-VVF-G	2.5	1/1.78	0.8	1.5	1/1.38	0.6
2x2.5/1.5	PD-VVF-G	2.5	7/0.67	0.8	1.5	7/0.50	0.6
2x4/2.5	PD-VVF-G	4	1/2.25	0.9	2.5	1/1.78	0.6
2x4/2.5	PD-VVF-G	4	7/0.85	0.9	2.5	7/0.67	0.6
2x6/4	PD-VVF-G	6	7/1.04	0.9	4	7/0.85	0.6
2x10/4	PD-VVF-G	10	7/1.35	1.1	4	7/0.85	0.6
2x16/6	PD-VVF-G	16	7/1.70	1.1	6	7/1.04	0.6
2x25/6	PD-VVF-G	25	7/2.14	1.3	6	7/1.04	0.6
2x35/10	PD-VVF-G	35	19/1.53	1.3	10	7/1.35	0.6

C = Packing in coil
R = Packing in reel



PD-VVF-G (Table 13 of TIS 11-2531 Standard)

750 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
	mm	mm	A	MΩ - km	kg / km	m
2x1/1 PD-VVF-G	1.4	6.4x12.0	13	0.0141	100	500/R
2x1/1 PD-VVF-G	1.4	6.6x12.5	13	0.0135	100	500/R
2x1.5/1 PD-VVF-G	1.4	6.6x12.5	17	0.0123	120	500/R
2x1.5/1 PD-VVF-G	1.4	7.0x13.0	17	0.0116	120	500/R
2x2.5/1.5 PD-VVF-G	1.4	7.2x14.0	23	0.0102	150	500/R
2x2.5/1.5 PD-VVF-G	1.4	7.4x14.5	23	0.0093	150	500/R
2x4/2.5 PD-VVF-G	1.4	7.8x15.5	30	0.0094	210	500/R
2x4/2.5 PD-VVF-G	1.4	8.2x16.5	30	0.0085	210	500/R
2x6/4 PD-VVF-G	1.4	8.8x18.5	40	0.0073	290	500/R
2x10/4 PD-VVF-G	1.5	10.5x21.5	55	0.0069	420	500/R
2x16/6 PD-VVF-G	1.5	11.5x24.5	74	0.0057	590	500/R
2x25/6 PD-VVF-G	1.6	13.5x28.0	97	0.0054	840	500/R
2x35/10 PD-VVF-G	1.7	15.0x32.0	120	0.0047	1,120	500/R

C = Packing in coil
R = Packing in reel