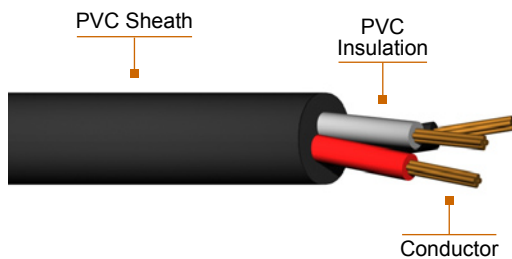


PD-VVR (Table 3 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, Three Core



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 0.5 mm² up to 35 mm²

Insulation

Heat resistant Polyvinyl Chloride (Grey, Black and Red 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 meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

Marking

PHELPS DODGE 3x(SIZE) SQ.MM.
PD-VVR 300V PVC 70°C ⊕ TIS 11-2531
TABLE 3

Installation

Exposed wiring in air or use in raceway wet or dry location, direct burial in ground.



PD-VVR (Table 3 of TIS 11-2531 Standard)

300 V 70°C PVC Insulated and Sheathed, Three 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 ²	No. / mm	mm	mm	mm	A	MΩ - km	kg / km	m
3 x 0.5 PD-VVR	0.5	1/0.80	0.6	0.9	7.2	6.5	0.0146	55	500/R
3 x 1 PD-VVR	1	1/1.13	0.6	0.9	8.0	11.5	0.0115	80	500/R
3 x 1 PD-VVR	1	7/0.40	0.6	0.9	8.4	11.5	0.0110	80	500/R
3 x 1.5 PD-VVR	1.5	1/1.38	0.6	1.2	9.2	15	0.0100	110	500/R
3 x 1.5 PD-VVR	1.5	7/0.50	0.6	1.2	9.6	15	0.0094	110	500/R
3 x 2.5 PD-VVR	2.5	1/1.78	0.7	1.2	10.5	21	0.0092	160	500/R
3 x 2.5 PD-VVR	2.5	7/0.67	0.7	1.2	11.5	21	0.0084	160	500/R
3 x 4 PD-VVR	4	1/2.25	0.8	1.2	12.5	28	0.0086	230	500/R
3 x 4 PD-VVR	4	7/0.85	0.8	1.2	13.0	28	0.0078	230	500/R
3 x 6 PD-VVR	6	7/1.04	0.8	1.2	14.5	36	0.0066	330	500/R
3 x 10 PD-VVR	10	7/1.35	0.9	1.2	17.0	50	0.0059	490	500/R
3 x 16 PD-VVR	16	7/1.70	1.0	1.4	20.0	66	0.0053	740	500/R
3 x 25 PD-VVR	25	7/2.14	1.2	1.8	25.0	84	0.0051	1,180	500/R
3 x 35 PD-VVR	35	19/1.53	1.2	1.8	28.0	104	0.0043	1,530	500/R

C = Packing in coil
R = Packing in reel