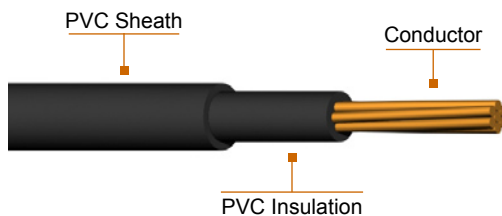


PD-NYY (Table 6 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Single Core



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes
1 mm² up to 500 mm²

Insulation

Heat resistant Polyvinyl Chloride
(Black color)

Sheath

Heat resistant Polyvinyl Chloride
(Black color)

Application

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

Standards / Testing Specifications

- PD-NYY meets or exceeds applicable TIS
11-2531 standards and requirements of
Thai Industrial Standard.

Marking

PHELPS DODGE 1x(SIZE) SQ.MM.
PD-NYY 750V PVC 70°C Ⓢ TIS 11-2531
TABLE 6.

Installation

For installation exposed, or in raceway, wet
or dry location, or direct burial in ground.



PD-NYY (Table 6 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Sheathed, Single Core

PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Number & Diameter of Wire	Thickness of insulation	Thickness of Sheath	Overall Diameter	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
1 PD-NYY	1	1/1.13	1.5	1.8	8.6	16	0.0207	80	100/C
1 PD-NYY	1	7/0.40	1.5	1.8	8.8	16	0.0200	80	100/C
1.5 PD-NYY	1.5	1/1.38	1.5	1.8	9.0	21	0.0184	90	100/C
1.5 PD-NYY	1.5	7/0.50	1.5	1.8	9.2	21	0.0175	90	100/C
2.5 PD-NYY	2.5	1/1.78	1.5	1.8	9.4	29	0.0157	100	100/C
2.5 PD-NYY	2.5	7/0.67	1.5	1.8	9.8	29	0.0146	100	100/C
4 PD-NYY	4	1/2.25	1.5	1.8	10.0	39	0.0135	130	100/C
4 PD-NYY	4	7/0.85	1.5	1.8	10.5	39	0.0124	130	100/C
6 PD-NYY	6	7/1.04	1.5	1.8	11.0	51	0.0107	160	100/C
10 PD-NYY	10	7/1.35	1.5	1.8	12.0	70	0.0088	210	500/R
16 PD-NYY	16	7/1.70	1.5	1.8	13.0	96	0.0074	280	500/R
25 PD-NYY	25	7/2.14	1.5	1.8	14.5	127	0.0061	390	500/R
35 PD-NYY	35	19/1.53	1.5	1.8	16.0	157	0.0053	500	500/R
50 PD-NYY	50	19/1.78	1.5	1.8	17.0	191	0.0046	660	500/R
70 PD-NYY	70	19/2.14	1.5	1.8	19.0	244	0.0039	850	500/R
95 PD-NYY	95	19/2.52	1.7	1.8	21.5	297	0.0038	1,150	500/R
120 PD-NYY	120	37/2.03	1.7	1.8	23.0	345	0.0034	1,400	500/R
150 PD-NYY	150	37/2.25	1.9	2.0	26.0	397	0.0034	1,720	500/R
185 PD-NYY	185	37/2.52	2.1	2.0	28.0	453	0.0034	2,130	500/R
240 PD-NYY	240	61/2.25	2.3	2.2	31.5	535	0.0033	2,760	500/R
300 PD-NYY	300	61/2.52	2.5	2.2	35.0	617	0.0032	3,400	500/R
400 PD-NYY	400	61/2.85	2.7	2.2	38.5	741	0.0030	4,290	500/R
500 PD-NYY	500	61/3.20	3.1	2.4	43.0	854	0.0031	5,570	500/R

C = Packing in coil
R = Packing in reel