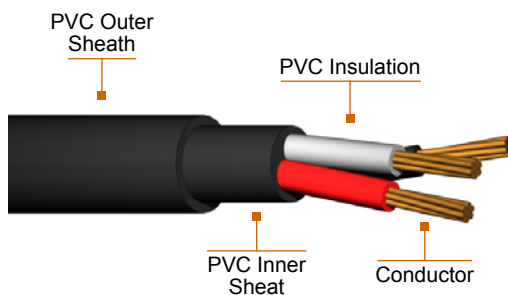


PD-NYY (Table 7 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Three Cores



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 1 mm² up to 300 mm²

Insulation

Heat resistant Polyvinyl Chloride (Grey, Black and Red Color)

Inner Sheath

Heat resistant Polyvinyl Chloride (Black color)

Outer Sheath

Heat resistant Polyvinyl Chloride (Black color)

Application

Feeder, branch circuit cable, 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 3x (SIZE) SQ.MM.
PD-NYY 750V PVC 70°C ⊕ TIS 11-2531
TABLE 7.

Installation

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



PD-NYY (Table 7 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Three Cores

PHELPS DODGE TYPE LETTER	Nominal Sectional Area	Number & Diameter of Wire	Thickness of Insulation	Thickness of Inner Sheath	Thickness of Outer 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	mm	A	MΩ - km	kg / km	m
3 x 1 PD-NYY	1	1/1.13	0.8	0.8	1.8	12.5	11.5	0.0141	180	500/R
3 x 1 PD-NYY	1	7/0.40	0.8	0.8	1.8	13.0	11.5	0.0135	180	500/R
3 x 1.5 PD-NYY	1.5	1/1.38	0.8	0.8	1.8	13.0	15	0.0123	200	500/R
3 x 1.5 PD-NYY	1.5	7/0.50	0.8	0.8	1.8	13.5	15	0.0116	200	500/R
3 x 2.5 PD-NYY	2.5	1/1.78	0.8	0.8	1.8	14.0	21	0.0102	250	500/R
3 x 2.5 PD-NYY	2.5	7/0.67	0.8	0.8	1.8	15.0	21	0.0093	250	500/R
3 x 4 PD-NYY	4	1/2.25	0.9	0.8	1.8	15.5	28	0.0094	330	500/R
3 x 4 PD-NYY	4	7/0.85	0.9	0.8	1.8	16.5	28	0.0085	330	500/R
3 x 6 PD-NYY	6	7/1.04	0.9	0.8	1.8	18.0	36	0.0073	440	500/R
3 x 10 PD-NYY	10	7/1.35	1.1	0.8	1.8	20.5	50	0.0069	640	500/R
3 x 16 PD-NYY	16	7/1.70	1.1	1.2	2.0	24.5	66	0.0057	930	500/R
3 x 25 PD-NYY	25	7/2.14	1.3	1.2	2.0	28.5	84	0.0054	1,360	500/R
3 x 35 PD-NYY	35	19/1.53	1.3	1.2	2.0	31.5	104	0.0047	1,730	500/R
3 x 50 PD-NYY	50	19/1.78	1.5	1.5	2.2	36.0	125	0.0046	2,440	500/R
3 x 70 PD-NYY	70	19.2.14	1.5	1.5	2.2	40.5	160	0.0039	3,110	500/R
3 x 95 PD-NYY	95	19/2.52	1.7	1.5	2.4	46.0	194	0.0038	4,180	500/R
3 x 120 PD-NYY	120	37/2.03	1.7	1.8	2.6	50.5	225	0.0034	5,190	300/R
3 x 150 PD-NYY	150	37/2.25	1.9	1.8	2.8	56.0	256	0.0034	6,300	300/R
3 x 185 PD-NYY	185	37/2.52	2.1	2.0	3.0	61.5	297	0.0034	7,840	300/R
3 x 240 PD-NYY	240	61/2.25	2.3	2.0	3.2	69.0	351	0.0033	10,060	200/R
3 x 300 PD-NYY	300	61/2.52	2.5	2.2	3.4	76.0	404	0.0032	12,450	150/R

C = Packing in coil
R = Packing in reel