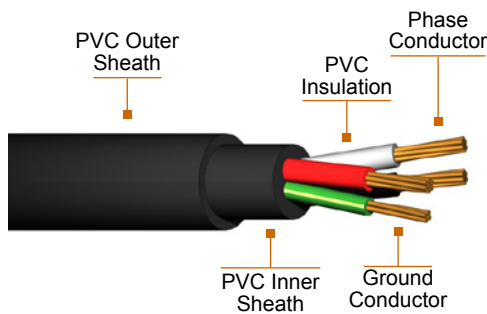


PD-NYY-G (Table 14 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Three Core with Ground



Detail Description or Construction

Conductor

Annealed copper, solid or stranded sizes 1 mm² up to 300 mm² (Phase) sizes 1 mm² up to 35 mm² (Ground)

Insulation

Heat resistant polyvinyl chloride (Phase: 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-G meets or exceeds applicable TIS 11-2531 standards and requirements of Thai Industrial Standard.

Marking

PHELPS DODGE 3x(PHASE SIZE)/ (GROUND SIZE) SQ.MM. PD-NYY-G 750V PVC 70°C ⊕ TIS 11-2531 TABLE 14.

Installation

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



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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
3x1/1 PD-NYY-G	1	1/1.13	0.8	1	1/1.13	0.6
3x1/1 PD-NYY-G	1	7/0.40	0.8	1	7/0.40	0.6
3x1.5/1 PD-NYY-G	1.5	1/1.38	0.8	1	1/1.13	0.6
3x1.5/1 PD-NYY-G	1.5	7/0.50	0.8	1	7/0.40	0.6
3x2.5/1.5 PD-NYY-G	2.5	1/1.78	0.8	1.5	1/1.38	0.6
3x2.5/1.5 PD-NYY-G	2.5	7/0.67	0.8	1.5	7/0.50	0.6
3x4/2.5 PD-NYY-G	4	1/2.25	0.9	2.5	1/1.78	0.6
3x4/2.5 PD-NYY-G	4	7/0.85	0.9	2.5	7/0.67	0.6
3x6/4 PD-NYY-G	6	7/1.04	0.9	4	7/0.85	0.6
3x10/4 PD-NYY-G	10	7/1.35	1.1	4	7/0.85	0.6
3x16/6 PD-NYY-G	16	7/1.70	1.1	6	7/1.04	0.6
3x25/6 PD-NYY-G	25	7/2.14	1.3	6	7/1.04	0.6
3x35/10 PD-NYY-G	35	19/1.53	1.3	10	7/1.35	0.6
3x50/10 PD-NYY-G	50	19/1.78	1.5	10	7/1.35	0.6
3x70/10 PD-NYY-G	70	19/2.14	1.5	10	7/1.35	0.6
3x95/16 PD-NYY-G	95	19.2.52	1.7	16	7/1.70	0.6
3x120/16 PD-NYY-G	120	37/2.03	1.7	16	7/1.70	0.6
3x150/25 PD-NYY-G	150	37/2.25	1.9	25	7/2.14	0.6
3x185/25 PD-NYY-G	185	37/2.52	2.1	25	7/2.14	0.6
3x240/35 PD-NYY-G	240	61/2.25	2.3	35	19/1.53	0.6
3x300/35 PD-NYY-G	300	61/2.52	2.5	35	19/1.53	0.6

C = Packing in coil
R = Packing in reel



PD-NYY-G (Table 14 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Three Core with Ground

PHELPS DODGE TYPE LETTER	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	mm	mm	A	MΩ - km	kg / km	m
3x1/1 PD-NYY-G	0.8	1.8	13.5	11.5	0.0141	200	500/R
3x1/1 PD-NYY-G	0.8	1.8	14.0	11.5	0.0135	200	500/R
3x1.5/1 PD-NYY-G	0.8	1.8	14.0	15	0.0123	220	500/R
3x1.5/1 PD-NYY-G	0.8	1.8	14.5	15	0.0116	220	500/R
3x2.5/1.5 PD-NYY-G	0.8	1.8	15.0	21	0.0102	270	500/R
3x2.5/1.5 PD-NYY-G	0.8	1.8	16.0	21	0.0093	270	500/R
3x4/2.5 PD-NYY-G	0.8	1.8	17.0	28	0.0094	360	500/R
3x4/2.5 PD-NYY-G	0.8	1.8	17.5	28	0.0085	360	500/R
3x6/4 PD-NYY-G	0.8	1.8	19.0	36	0.0073	490	500/R
3x10/4 PD-NYY-G	0.8	1.8	22.5	50	0.0069	690	500/R
3x16/6 PD-NYY-G	1.2	2.0	26.5	66	0.0057	1,010	500/R
3x25/6 PD-NYY-G	1.2	2.0	31.0	84	0.0054	1,410	500/R
3x35/10 PD-NYY-G	1.2	2.0	34.0	104	0.0047	1,820	300/R
3x50/10 PD-NYY-G	1.5	2.2	36.0	125	0.0046	2,510	300/R
3x70/10 PD-NYY-G	1.5	2.2	40.5	160	0.0039	3,170	300/R
3x95/16 PD-NYY-G	1.5	2.4	46.0	194	0.0038	4,280	300/R
3x120/16 PD-NYY-G	1.8	2.6	50.5	225	0.0034	5,280	300/R
3x150/25 PD-NYY-G	1.8	2.8	56.0	256	0.0034	6,460	200/R
3x185/25 PD-NYY-G	2.0	3.0	61.5	297	0.0034	7,980	200/R
3x240/35 PD-NYY-G	2.0	3.2	69.0	351	0.0033	10,250	150/R
3x300/35 PD-NYY-G	2.2	3.4	76.0	404	0.0032	12,600	150/R

C = Packing in coil
R = Packing in reel