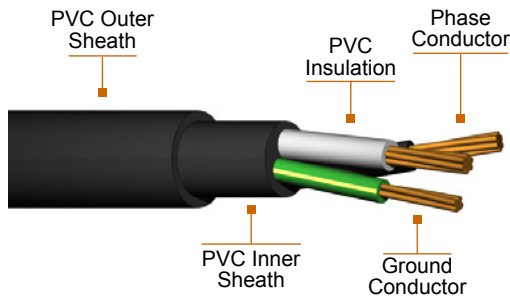


PD-NYY-G (Table 14 of TIS 11-2531 Standard)

750 V 70°C PVC Insulated and Double Sheathed, Two 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 and Black color, Ground: Green with Yellow Stripe 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 2x(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.



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

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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
2x1/1	PD-NYY-G	1	1/1.13	0.8	1	1/1.13	0.6
2x1/1	PD-NYY-G	1	7/0.40	0.8	1	7/0.40	0.6
2x1.5/1	PD-NYY-G	1.5	1/1.38	0.8	1	1/1.13	0.6
2x1.5/1	PD-NYY-G	1.5	7/0.50	0.8	1	7/0.40	0.6
2x2.5/1.5	PD-NYY-G	2.5	1/1.78	0.8	1.5	1/1.38	0.6
2x2.5/1.5	PD-NYY-G	2.5	7/0.67	0.8	1.5	7/0.50	0.6
2x4/2.5	PD-NYY-G	4	1/2.25	0.9	2.5	1/1.78	0.6
2x4/2.5	PD-NYY-G	4	7/0.85	0.9	2.5	7/0.67	0.6
2x6/4	PD-NYY-G	6	7/1.04	0.9	4	7/0.85	0.6
2x10/4	PD-NYY-G	10	7/1.35	1.1	4	7/0.85	0.6
2x16/6	PD-NYY-G	16	7/1.70	1.1	6	7/1.04	0.6
2x25/6	PD-NYY-G	25	7/2.14	1.3	6	7/1.04	0.6
2x35/10	PD-NYY-G	35	19/1.53	1.3	10	7/1.35	0.6
2x50/10	PD-NYY-G	50	19/1.78	1.5	10	7/1.35	0.6
2x70/10	PD-NYY-G	70	19/2.14	1.5	10	7/1.35	0.6
2x95/16	PD-NYY-G	95	19/2.52	1.7	16	7/1.70	0.6
2x120/16	PD-NYY-G	120	37/2.03	1.7	16	7/1.70	0.6
2x150/25	PD-NYY-G	150	37/2.25	1.9	25	7/2.14	0.6
2x185/25	PD-NYY-G	185	37/2.52	2.1	25	7/2.14	0.6
2x240/35	PD-NYY-G	240	61/2.25	2.3	35	19/1.53	0.6
2x300/35	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, Two 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
2x1/1	PD-NYY-G	0.8	1.8	12.5	13	0.0141	170	500/R
2x1/1	PD-NYY-G	0.8	1.8	13.0	13	0.0135	170	500/R
2x1.5/1	PD-NYY-G	0.8	1.8	13.0	17	0.0123	190	500/R
2x1.5/1	PD-NYY-G	0.8	1.8	13.5	17	0.0116	190	500/R
2x2.5/1.5	PD-NYY-G	0.8	1.8	14.0	23	0.0102	230	500/R
2x2.5/1.5	PD-NYY-G	0.8	1.8	15.0	23	0.0093	230	500/R
2x4/2.5	PD-NYY-G	0.8	1.8	15.5	30	0.0094	300	500/R
2x4/2.5	PD-NYY-G	0.8	1.8	16.5	30	0.0085	300	500/R
2x6/4	PD-NYY-G	0.8	1.8	18.0	40	0.0073	400	500/R
2x10/4	PD-NYY-G	0.8	1.8	19.5	55	0.0069	550	500/R
2x16/6	PD-NYY-G	0.8	2.0	22.5	74	0.0057	760	500/R
2x25/6	PD-NYY-G	1.2	2.0	27.0	97	0.0054	1,110	500/R
2x35/10	PD-NYY-G	1.2	2.0	29.5	120	0.0047	1,410	500/R
2x50/10	PD-NYY-G	1.2	2.2	33.5	146	0.0046	1,900	500/R
2x70/10	PD-NYY-G	1.5	2.2	38.0	185	0.0039	2,430	500/R
2x95/16	PD-NYY-G	1.5	2.2	42.5	224	0.0038	3,230	500/R
2x120/16	PD-NYY-G	1.5	2.4	46.5	260	0.0034	3,920	500/R
2x150/25	PD-NYY-G	1.8	2.6	52.0	299	0.0034	4,870	200/R
2x185/25	PD-NYY-G	1.8	2.8	57.0	341	0.0034	5,940	200/R
2x240/35	PD-NYY-G	2.0	3.0	64.0	401	0.0033	7,680	150/R
2x300/35	PD-NYY-G	2.0	3.2	70.5	461	0.0032	9,350	150/R

C = Packing in coil
R = Packing in reel