

Application :

For surface or above ceiling wiring or direct embeded in plaster

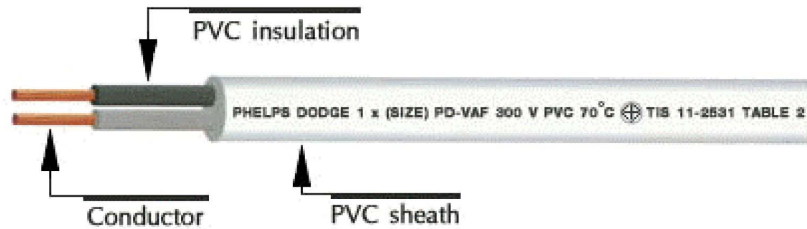
Classification :

Maximum conductor temperature 70°C Circuit voltage does not exceed 300 volts.

Equivalent :

TIS 11-2531 TABLE 2

PHELPS DODGE CONDUCTOR TYPE PD-VAF (MEA TYPE B) 300 V 70 °C PVC INSULATED AND SHEATHED FLAT TYPE, TWO CORE



Construction :

- Conductor : Annealed copper, solid or stranded
Sizes 0.5 mm² up to 35 mm²
- Insulation : Heat resistance polyvinyl chloride (Gray and Black colour)
- Sheath : Heat resistance polyvinyl chloride (White colour)

PHELPS DODGE TYPE LETTER	Nominal sectional area mm ²	Number & diameter of wire No. / mm	Thickness of insulation mm	Thickness of sheath mm	Overall dimension mm	Allowable ampacities Free Air 40°C A	Minimum insulation resistance at 70°C MΩ - km	Cable weight (approx) kg / km	Standard Packing m
2 x 0.5 PD-VAF	0.5	1/0.80	0.6	0.9	4.4x6.8	8	0.0146	37	100/C
2 x 1 PD-VAF	1	1/1.13	0.6	0.9	4.8x7.4	13	0.0115	50	100/C
2 x 1 PD-VAF	1	7/0.40	0.6	0.9	5.0x7.8	13	0.0110	50	100/C
2 x 1.5 PD-VAF	1.5	1/1.38	0.6	1.2	5.8x8.6	17	0.0100	70	100/C
2 x 1.5 PD-VAF	1.5	7/0.50	0.6	1.2	6.0x9.2	17	0.0094	70	100/C
2 x 2.5 PD-VAF	2.5	1/1.78	0.7	1.2	6.4x10.0	23	0.0092	100	100/C
2 x 2.5 PD-VAF	2.5	7/0.67	0.7	1.2	6.8x10.5	23	0.0084	100	100/C
2 x 4 PD-VAF	4	1/2.25	0.8	1.2	7.2x11.5	30	0.0086	140	100/C
2 x 4 PD-VAF	4	7/0.85	0.8	1.2	7.6x12.0	30	0.0078	140	100/C
2 x 6 PD-VAF	6	7/1.04	0.8	1.2	8.2x13.5	40	0.0066	200	100/C
2 x 10 PD-VAF	10	7/1.35	0.9	1.2	9.4x16.0	55	0.0059	300	100/C
2 x 16 PD-VAF	16	7/1.70	1.0	1.2	11.0x18.5	74	0.0053	440	100/C
2 x 25 PD-VAF	25	7/2.14	1.2	1.4	13.0x22.5	97	0.0051	690	500/R
2 x 35 PD-VAF	35	19/1.53	1.2	1.4	14.5x25.0	120	0.0043	900	500/R

C = Packing in coil

R = Packing in reel

Application :

Building wiring for installation on insulator or in raceway, dry and wet location.

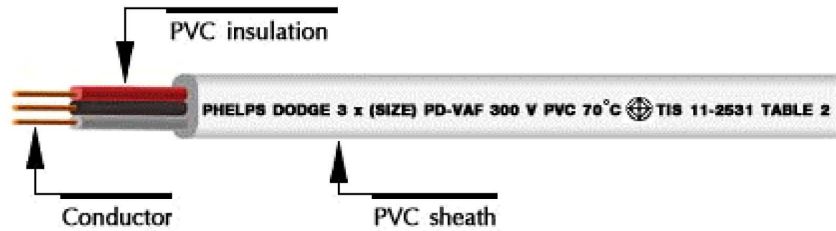
Classification :

Maximum conductor temperature 70°C Circuit voltage does not exceed 300 volts.

Equivalent :

TIS 11-2531 TABLE 2

PHELPS DODGE CONDUCTOR TYPE PD-VAF 300 V 70 °C PVC INSULATED AND SHEATHED FLAT TYPE, THREE CORE



Construction :

- Conductor : Annealed copper, solid or stranded
Sizes 0.5 mm² up to 16 mm²
- Insulation : Heat resistance polyvinyl chloride (Gray and Black colour)
- Sheath : Heat resistance polyvinyl chloride (White colour)

PHELPS DODGE TYPE LETTER	Nominal sectional area mm ²	Number & diameter of wire No. / mm	Thickness of insulation mm	Thickness of sheath mm	Overall dimension mm	Allowable ampacities Free Air 40°C A	Minimum insulation resistance at 70°C MΩ - km	Cable weight (approx) kg / km	Standard Packing m
3 x 0.5 PD-VAF	0.5	1/0.80	0.6	0.9	4.4x9.0	6.5	0.0146	41	100/C
3 x 1 PD-VAF	1	1/1.13	0.6	0.9	4.8x10.0	11.5	0.0115	55	100/C
3 x 1 PD-VAF	1	7/0.40	0.6	0.9	5.0x10.5	11.5	0.0110	55	100/C
3 x 1.5 PD-VAF	1.5	1/1.38	0.6	1.2	5.8x11.5	15	0.0100	77	100/C
3 x 1.5 PD-VAF	1.5	7/0.50	0.6	1.2	6.0x12.5	15	0.0094	77	100/C
3 x 2.5 PD-VAF	2.5	1/1.78	0.7	1.2	6.4x13.5	21	0.0092	110	100/C
3 x 2.5 PD-VAF	2.5	7/0.67	0.7	1.2	6.8x14.5	21	0.0084	110	100/C
3 x 4 PD-VAF	4	1/2.25	0.8	1.2	7.2x16.0	28	0.0086	154	100/C
3 x 4 PD-VAF	4	7/0.85	0.8	1.2	7.6x16.5	28	0.0078	154	100/C
3 x 6 PD-VAF	6	7/1.04	0.8	1.2	8.2x18.5	36	0.0066	220	100/C
3 x 10 PD-VAF	10	7/1.35	0.9	1.2	9.4x22.0	50	0.0059	363	500/R
3 x 16 PD-VAF	16	7/1.70	1.0	1.4	11.5x26.5	66	0.0053	484	500/R

C = Packing in coil

R = Packing in reel

Application :

Surfaced wiring. Concealed wiring in wooden partition, or above ceiling. Embed in plaster.

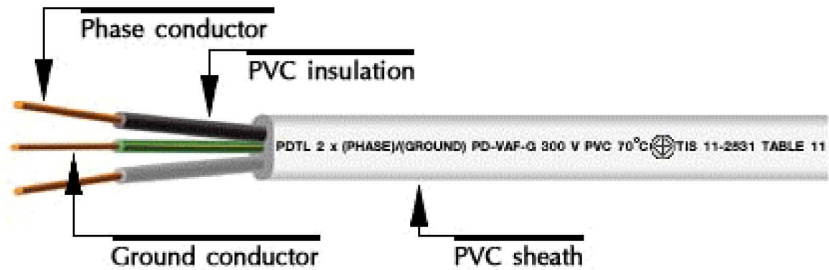
Classification :

Maximum conductor temperature 70°C Circuit voltage does not exceed 300 volts.

Equivalent :

TIS 11-2531 TABLE 11

PHELPS DODGE CONDUCTOR TYPE PD-VAF-G (MEA TYPE B-GRD) 300 V 70°C PVC INSULATED AND SHEATHED FLAT TYPE, TWO CORE WITH GROUND



Construction :

- Conductor : Annealed copper, solid or stranded sizes 1 mm² up to 35 mm² (Phase) sizes 1 mm² up to 10 mm² (Ground)
- Insulation : Polyvinyl chloride (Gray and Black colour) Phase, (Green with Yellow Stripe colour) Ground
- Sheath : Polyvinyl chloride (White colour)

PHELPS DODGE TYPE LETTER	Nominal sectional area mm ²	Phase core Number & diameter of wire No. / mm	Thickness of insulation mm	Nominal sectional area mm ²	Ground core Number & diameter of wire No. / mm	Thickness of insulation mm	Thickness of sheath mm	Overall dimension mm	Allowable ampacities Free Air 40°C A	Minimum insulation resistance at 70°C MΩ - km	Cable weight (approx) kg / km	Standard Packing m
2x1/1 PD-VAF-G	1	1/1.13	0.6	1	1/1.13	0.6	0.9	4.8x10.0	13	0.0115	70	100/C
2x1/1 PD-VAF-G	1	7/0.40	0.6	1	7/0.40	0.6	0.9	5.0x10.5	13	0.0110	70	100/C
2x1.5/1 PD-VAF-G	1.5	1/1.38	0.6	1	1/1.13	0.6	1.2	5.8x11.5	17	0.0100	95	100/C
2x1.5/1 PD-VAF-G	1.5	7/0.50	0.6	1	7/0.40	0.6	1.2	6.0x12.0	17	0.0094	95	100/C
2x2.5/1.5 PD-VAF-G	2.5	1/1.78	0.7	1.5	1/1.38	0.6	1.2	6.4x13.0	23	0.0092	130	100/C
2x2.5/1.5 PD-VAF-G	2.5	7/0.67	0.7	1.5	7/0.50	0.6	1.2	6.8x14.0	23	0.0084	130	100/C
2x4/2.5 PD-VAF-G	4	1/2.25	0.8	2.5	1/1.78	0.6	1.2	7.2x15.0	30	0.0086	190	100/C
2x4/2.5 PD-VAF-G	4	7/0.85	0.8	2.5	7/0.67	0.6	1.2	7.6x16.0	30	0.0078	190	100/C
2x6/4 PD-VAF-G	6	7/1.04	0.8	4	7/0.85	0.6	1.2	8.2x17.5	40	0.0066	270	100/C
2x10/4 PD-VAF-G	10	7/1.35	0.9	4	7/0.85	0.6	1.2	9.4x20.0	55	0.0059	380	100/C
2x16/6 PD-VAF-G	16	7/1.70	1.0	6	7/1.04	0.6	1.2	11.0x23.0	74	0.0053	550	500/R
2x25/6 PD-VAF-G	25	7/2.14	1.2	6	7/1.04	0.6	1.4	13.0x27.0	97	0.0051	810	500/R
2x35/10 PD-VAF-G	35	19/1.53	1.2	10	7/1.35	0.6	1.4	14.5x31.0	120	0.0043	1,070	500/R

C = Packing in coil
R = Packing in reel

Application :

Surfaced wiring. Concealed wiring in wooden partition, or above ceiling. Embed in plaster.

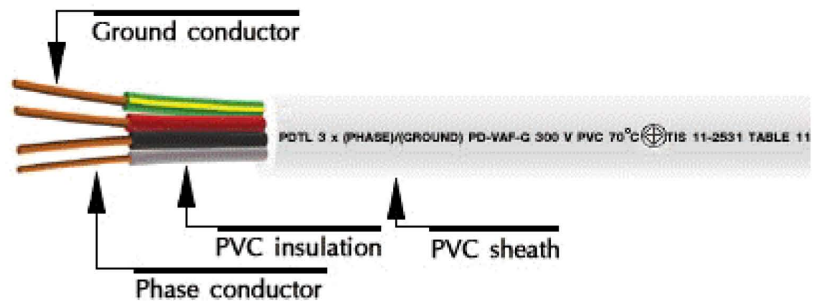
Classification :

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Equivalent :

TIS 11-2531 TABLE 11

PHELPS DODGE CONDUCTOR TYPE PD-VAF-G 300 V 70°C PVC INSULATED AND SHEATHED FLAT TYPE, THREE CORE WITH GROUND



Construction :

- Conductor : Annealed copper, solid or stranded sizes 1 mm² up to 16 mm² (Phase) sizes 1 mm² up to 6 mm² (Ground)
- Insulation : Heat resistance polyvinyl chloride (Gray, Black and Red colour) Phase, (Green with Yellow Stripe colour) Ground
- Sheath : Heat resistance polyvinyl chloride (White colour)

PHELPS DODGE TYPE LETTER	Nominal sectional area mm ²	Phase core Number & diameter of wire No. / mm	Thickness of insulation mm	Nominal sectional area mm ²	Ground core Number & diameter of wire No. / mm	Thickness of insulation mm	Thickness of sheath mm	Overall dimension mm	Allowable ampacities Free Air 40°C A	Minimum insulation resistance at 70°C MΩ - km	Cable weight (approx) kg / km	Standard Packing m
3x1/1 PD-VAF-G	1	1/1.13	0.6	1	1/1.13	0.6	0.9	4.8x12.5	11.5	0.0115	95	100/C
3x1/1 PD-VAF-G	1	7/0.40	0.6	1	7/0.40	0.6	0.9	5.0x13.5	11.5	0.0110	95	100/C
3x1.5/1 PD-VAF-G	1.5	1/1.38	0.6	1	1/1.13	0.6	1.2	5.8x14.0	15	0.0100	130	100/C
3x1.5/1 PD-VAF-G	1.5	7/0.50	0.6	1	7/0.40	0.6	1.2	6.0x15.0	15	0.0094	130	100/C
3x2.5/1.5 PD-VAF-G	2.5	1/1.78	0.7	1.5	1/1.38	0.6	1.2	6.4x16.5	21	0.0092	180	100/C
3x2.5/1.5 PD-VAF-G	2.5	7/0.67	0.7	1.5	7/0.50	0.6	1.2	6.8x17.5	21	0.0084	180	100/C
3x4/2.5 PD-VAF-G	4	1/2.25	0.8	2.5	1/1.78	0.6	1.2	7.2x19.0	28	0.0086	260	100/C
3x4/2.5 PD-VAF-G	4	7/0.85	0.8	2.5	7/0.67	0.6	1.2	7.6x20.5	28	0.0078	260	100/C
3x6/4 PD-VAF-G	6	7/1.04	0.8	4	7/0.85	0.6	1.2	8.2x22.5	36	0.0066	370	100/C
3x10/4 PD-VAF-G	10	7/1.35	0.9	4	7/0.85	0.6	1.2	9.4x26.0	50	0.0059	520	100/C
3x16/6 PD-VAF-G	16	7/1.70	1.0	6	7/1.04	0.6	1.4	11.0x31.5	66	0.0053	860	100/C

C = Packing in coil