



PT Phenolic Prima Mulia Indonesia

Product Catalog

Menjamin Kualitas dan Kepuasan
Instalasi Listrik Anda





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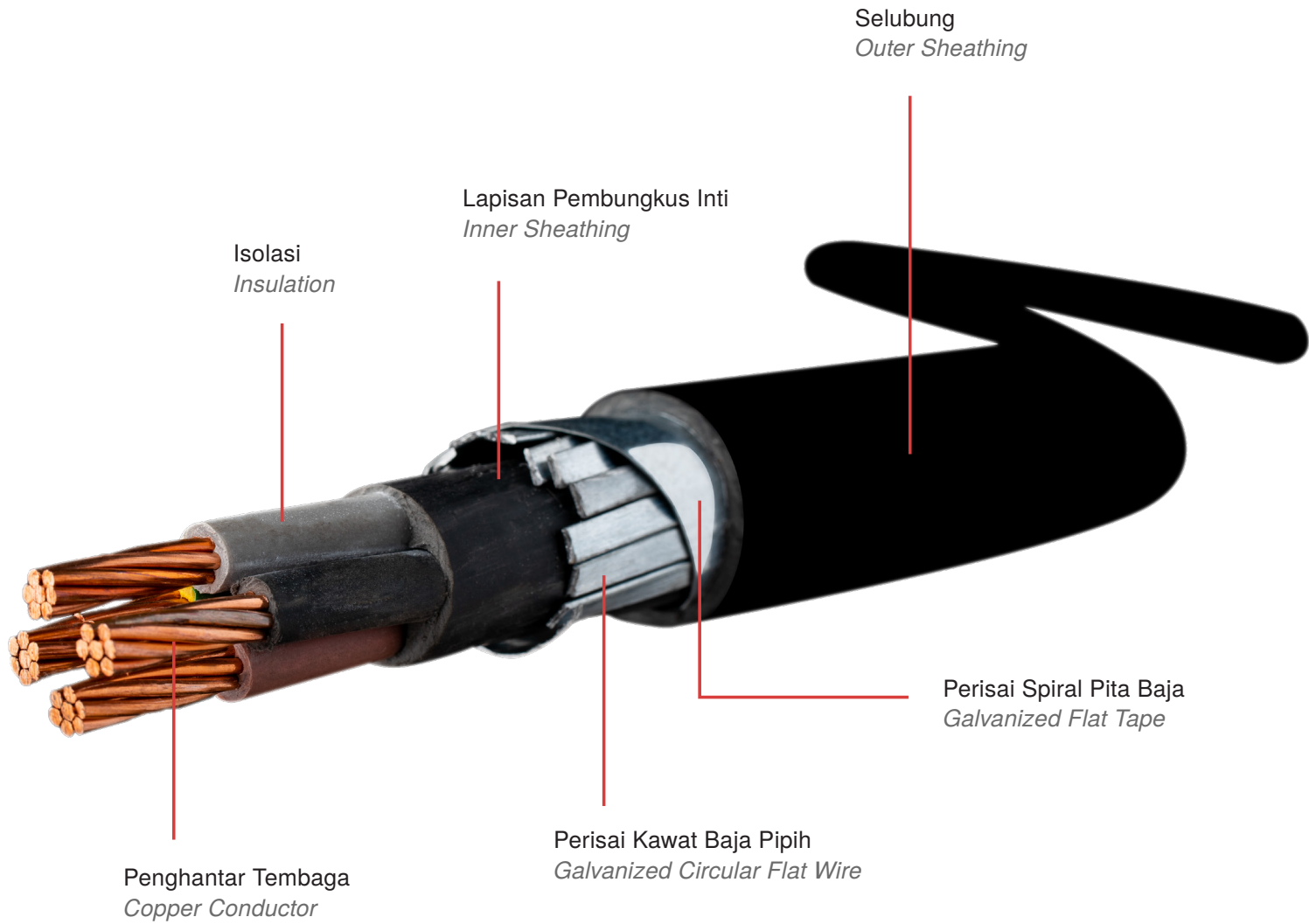
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Company Profile

PT Phenolic Prima Mulia Indonesia dimulai di Jakarta pada bulan November tahun 1980.

Pada tahun 1982, perusahaan kami mendapatkan izin pertama kami dari PLN (Perusahaan Listrik Negara) untuk menggunakan standar SPLN dan LMK. Pada tahun yang sama, kami mendapatkan apa yang sekarang disebut SNI dari BSN (Badan Standardisasi Nasional).

Perusahaan kami sudah mendapatkan sertifikasi ISO-9000 sejak tahun 1998. Sertifikat ISO terkini kami adalah ISO 9001:2015 dari TÜV Rheinland.

Hari ini, kami memiliki beberapa operasi dibawah satu atap yaitu **pengumpulan tembaga**, lalu **pengolahan**, **pembuatan pelet PVC**, dan akhirnya **manufakturing kabel**.

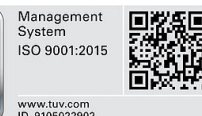
PT Phenolic Prima Mulia Indonesia was first established in Jakarta, Indonesia on the November of 1980.

By 1982, our company received our first approval from the PLN (Indonesian State Electricity Company) to use the SPLN and LMK standards, which were our very first ones. At the same year, we received what would be known today as SNI from the BSN (Indonesian National Standardization Agency).

Our company has received ISO-9000 certification since 1998. Our latest ISO certificate is the ISO 9001:2015 from TÜV Rheinland.

*Today, we have several main operations under one roof. They include **copper accumulation**, then **processing**, in-house **PVC pelletizing**, and finally **cable manufacturing**.*

Certifications & Standards



Providers in Certification



LSPRO LSPr-005-IDN



LSPRO LSPr-053-IDN



NYA

CU/PVC

CONSTRUCTION

Kabel PVC beragam warna terdiri dari kawat tembaga tunggal.
Mampu menahan tegangan sampai 450/750V.

Multi-colored PVC cable consisting of a single copper wire.
Capable of carrying voltage up to 450/750V.

SIZES

1.5 - 400 mm²

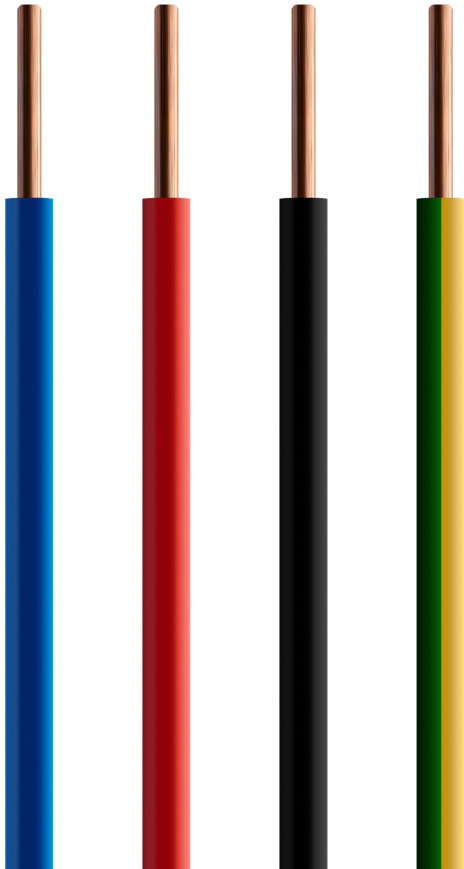
APPLICATION

Dapat digunakan berbagai cara; diantara lain instalasi di dalam ruangan, instalasi tetap dalam pipa, dan juga sebagai kabel penyambung dalam panel pembagian — sesuai dengan regulasi dan peraturan yang berlaku.

Applicable for a variety of uses; such as an installation in a dry room, fixed installation in pipes, and also for wiring in distribution panels — in accordance to the applicable regulations and laws.



SNI 04-6629.3



Technical Data

Ukuran Sizes	Isolasi <i>Insulation</i>		Resistan Isolasi <i>Insulation Resistance</i>	Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>			
	Ketebalan <i>Thickness</i>	Diameter Maksimum <i>Maximum Diameter</i>		30°C		40°C	
			Dalam Pipa <i>In Pipes</i>	Di Udara <i>In Free Air</i>	Dalam Pipa <i>In Pipes</i>	Di Udara <i>In Free Air</i>	
			70°C				
mm²	mm	mm	MΩ.km	A	A	A	A
1.5	0.7	3.3	0.011	15	24	13	21
2.5	0.8	3.9	0.010	19	32	17	28
4	0.8	4.4	0.0085	25	43	22	37
6	0.8	4.9	0.0070	33	54	29	47
10	1.0	6.4	0.0070	45	73	39	64
16	1.0	8.0	0.0050	61	98	53	85
25	1.2	9.8	0.0050	83	129	72	112
35	1.2	11.0	0.0040	103	158	90	138
50	1.4	13.0	0.0045	132	197	115	172
70	1.4	15.0	0.0035	165	245	144	215
95	1.6	17.0	0.0035	207	290	172	255
120	1.6	19.0	0.0032	235	345	205	300
150	1.8	21.0	0.0032	-	390	-	340
185	2.0	23.5	0.0032	-	445	-	390
240	2.2	26.5	0.0032	-	525	-	460
300	2.4	29.5	0.0030	-	605	-	530
400	2.6	33.5	0.0028	-	725	-	630

NYM

CU/PVC/PVC

CONSTRUCTION

Kabel PVC berwarna putih terdiri dari dua kawat tembaga atau lebih.
Mampu menahan tegangan sampai 300/500V.

White-colored PVC cable consisting of two or more copper wires.
Capable of carrying voltage up to 300/500V.

SIZES

- 2 x 1.5 - 10 mm²
- 3 x 1.5 - 10 mm²
- 4 x 1.5 - 10 mm²

APPLICATION

Dapat digunakan berbagai cara; diantara lain instalasi di dalam ruangan, kering maupun lembap, dan juga sebagai kabel di belakang tembok.

Applicable for a variety of uses; such as an installation in a room, dry or humid, and also for installations behind the wall.



Technical Data

Ukuran Sizes	Ketebalan <i>Thickness</i>			Resistan Isolasi Minimum <i>Minimum Insulation Resistance</i>	Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>	
	Isolasi <i>Insulation</i>	Lapisan Pembungkus Inti <i>Inner Sheathing</i>	Selubung Luar <i>Outer Sheathing</i>		70°C	30°C
mm²	mm	mm	mm	MΩ.km	A	A
2 x 1.5	0.7	0.4	1.2	0.011	19	16
2 x 2.5	0.8	0.4	1.2	0.010	25	22
2 x 4	0.8	0.4	1.2	0.0085	34	30
2 x 6	0.8	0.4	1.2	0.0700	44	39
2 x 10	1.0	0.6	1.4	0.0070	61	53
3 x 1.5	0.7	0.4	1.2	0.011	19	16
3 x 2.5	0.8	0.4	1.2	0.0010	25	22
3 x 4	0.8	0.4	1.2	0.0085	34	30
3 x 6	0.8	0.4	1.4	0.0070	44	39
3 x 10	1.0	0.6	1.4	0.0070	61	53
4 x 1.5	0.7	0.4	1.2	0.011	19	16
4 x 2.5	0.8	0.4	1.2	0.010	25	22
4 x 4	0.8	0.4	1.4	0.0085	34	30
4 x 6	0.8	0.6	1.4	0.0070	44	39
4 x 10	1.0	0.6	1.4	0.0070	61	53

NY Y

CU/PVC/PVC

CONSTRUCTION

Kabel PVC berwarna hitam terdiri dari satu kawat tembaga atau lebih. Mampu menahan tegangan sampai 0.6/1kV.

Black-colored PVC cable consisting of one or more copper wires. Capable of carrying voltage up to 0.6/1kV.

SIZES

- 1 x 1.5 - 500 mm²
- 2 x 1.5 - 120 mm²
- 3 x 1.5 - 120 mm²
- 4 x 1.5 - 120 mm²

APPLICATION

Dapat digunakan berbagai cara; diantara lain instalasi di dalam ruangan; kering, lembap, atau basah. Dapat juga ditanam dalam tanah.

Applicable for a variety of uses; such as an installation in a room; dry, humid, or wet. Also applicable for underground installations.



Technical Data

Ukuran Sizes	Ketebalan Thickness			Kemampuan Hantar Arus Maksimum Maximum Current Carrying Capacity			
	Isolasi Insulation	Lapisan Pembungkus Inti Inner Sheathing	Selubung Luar Outer Sheathing	Instalasi di Bawah Tanah Underground Installation		Instalasi di Udara Free Air Installation	
				20°C	30°C	30°C	40°C
mm²	mm	mm	mm	A	A	A	A
2 x 1.5	0.8	1.0	1.8	30	27	21	18
2 x 2.5	0.8	1.0	1.8	41	36	29	25
2 x 4	1.0	1.0	1.8	53	47	38	33
2 x 6	1.0	1.0	1.8	66	59	48	42
2 x 10	1.0	1.0	1.8	88	78	66	57
2 x 16	1.0	1.0	1.8	115	102	90	78
2 x 25	1.2	1.0	1.8	150	134	120	104
2 x 35	1.2	1.0	1.8	180	160	150	131
2 x 50	1.4	1.0	1.8	210	187	180	157
2 x 70	1.4	1.0	1.9	260	230	230	200
2 x 95	1.6	1.2	2.0	315	280	275	240
2 x 120	1.6	1.2	2.1	360	320	320	280



Technical Data

N Y Y

Ukuran Sizes	Ketebalan <i>Thickness</i>			Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>			
	Isolasi <i>Insulation</i>	Lapisan Pembungkus Inti <i>Inner Sheathing</i>	Selubung Luar <i>Outer Sheathing</i>	Instalasi di Bawah Tanah <i>Underground Installation</i>		Instalasi di Udara <i>Free Air Installation</i>	
				20°C	30°C	30°C	40°C
mm²	mm	mm	mm	A	A	A	A
3 x 1.5	0.8	1.0	1.8	27	24	18	16
3 x 2.5	0.8	1.0	1.8	36	32	25	22
3 x 4	1.0	1.0	1.8	46	41	34	30
3 x 6	1.0	1.0	1.8	58	52	44	38
3 x 10	1.0	1.0	1.8	77	69	60	52
3 x 16	1.0	1.0	1.8	100	89	80	70
3 x 25	1.2	1.0	1.8	130	116	105	91
3 x 35	1.2	1.0	1.8	155	138	130	113
3 x 50	1.4	1.0	1.8	185	165	160	139
3 x 70	1.4	1.2	2.0	230	205	200	174
3 x 95	1.6	1.2	2.1	275	245	245	215
3 x 120	1.6	1.2	2.2	315	285	285	250

Technical Data

N Y Y

Ukuran Sizes	Ketebalan <i>Thickness</i>			Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>			
	Isolasi <i>Insulation</i>	Lapisan Pembungkus Inti <i>Inner Sheathing</i>	Selubung Luar <i>Outer Sheathing</i>	Instalasi di Bawah Tanah <i>Underground Installation</i>		Instalasi di Udara <i>Free Air Installation</i>	
				20°C	30°C	30°C	40°C
mm²	mm	mm	mm	A	A	A	A
4 x 1.5	0.8	1.0	1.8	27	24	18	16
4 x 2.5	0.8	1.0	1.8	36	32	25	22
4 x 4	1.0	1.0	1.8	46	41	34	30
4 x 6	1.0	1.0	1.8	58	52	44	38
4 x 10	1.0	1.0	1.8	77	69	60	52
4 x 16	1.0	1.0	1.8	110	89	80	70
4 x 25	1.2	1.0	1.8	130	116	105	91
4 x 35	1.2	1.0	1.8	155	138	130	113
4 x 50	1.4	1.2	1.9	185	165	160	139
4 x 70	1.4	1.2	2.1	230	205	200	174
4 x 95	1.6	1.2	2.2	275	245	245	215
4 x 120	1.6	1.4	2.3	315	280	285	250

Technical Data

NY Y

Ukuran Sizes	Ketebalan Thickness		Kemampuan Hantar Arus Maksimum Maximum Current Carrying Capacity			
	Isolasi Insulation	Selubung Luar Outer Sheathing	Instalasi di Bawah Tanah Underground Installation		Instalasi di Udara Free Air Installation	
			20°C	30°C	30°C	40°C
mm²	mm	mm	A	A	A	A
1 x 1.5	0.8	1.4	37	33	26	23
1 x 2.5	0.8	1.4	50	45	35	30
1 x 4	1.0	1.4	65	58	46	40
1 x 6	1.0	1.4	83	74	58	50
1 x 10	1.0	1.4	110	98	80	70
1 x 16	1.0	1.4	145	129	105	91
1 x 25	1.2	1.4	190	169	140	122
1 x 35	1.2	1.4	235	210	175	152
1 x 50	1.4	1.4	280	250	215	187
1 x 70	1.4	1.4	350	310	270	235
1 x 95	1.6	1.5	420	375	335	290
1 x 120	1.6	1.5	480	425	390	340
1 x 150	1.8	1.6	540	480	445	385
1 x 185	2.0	1.7	620	550	510	445
1 x 240	2.2	1.8	720	640	620	540
1 x 300	2.4	1.9	820	730	710	620
1 x 400	2.6	2.0	960	855	850	740
1 x 500	2.8	2.1	1110	990	1000	870



NYAF

CU/PVC-f

CONSTRUCTION

Kabel PVC beragam warna terdiri dari kawat-kawat tembaga fleksibel. Mampu menahan tegangan sampai 450/750V.

Multi-colored PVC cable consisting of flexible copper wires. Capable of carrying voltage up to 450/750V.

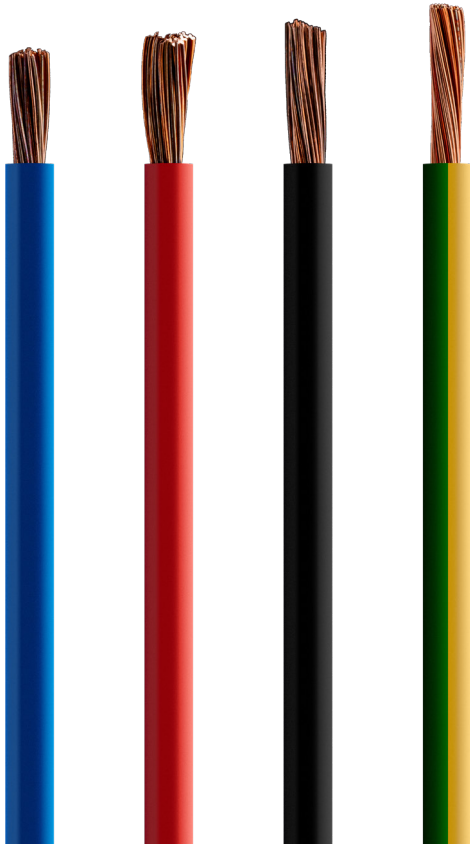
SIZES

1.5 - 240 mm²

APPLICATION

Dapat digunakan berbagai cara; diantara lain instalasi di dalam ruangan, instalasi tetap dalam pipa, dan juga sebagai kabel penyambung dalam panel pembagian — sesuai dengan regulasi dan peraturan yang berlaku, terutama di tempat dimana NYA kurang cocok.

Applicable for a variety of uses; such as an installation in a dry room, fixed installation in pipes, and also for wiring in distribution panels — in accordance to the applicable regulations and laws, especially for sites where NYA is less suitable.



Technical Data

Ukuran Sizes	Penghantar <i>Conductor</i>		Ketebalan Isolasi <i>Insulation Thickness</i>	Resistan Isolasi	Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>			
	Jumlah Kawat <i>Number of Wires</i>	Diameter Kawat <i>Wire Diameter</i>		<i>Insulation Resistance</i>	30°C		40°C	
				70°C	Dalam Pipa <i>In Pipes</i>	Di Udara <i>In Free Air</i>	Dalam Pipa <i>In Pipes</i>	Di Udara <i>In Free Air</i>
mm²	pcs	mm	mm	MΩ.km	A	A	A	A
1.5	30	0.25	0.7	0.010	15	24	13	21
2.5	50	0.25	0.8	0.009	20	32	17	28
4	56	0.30	0.8	0.007	25	41	22	36
6	84	0.30	0.8	0.006	33	53	29	46
10	80	0.40	1.0	0.0056	45	72	39	63
16	126	0.40	1.0	0.0046	60	97	52	84
25	196	0.40	1.2	0.0044	82	128	71	111
35	276	0.40	1.2	0.0038	102	156	89	137
50	396	0.40	1.4	0.0037	131	195	114	170
70	360	0.50	1.4	0.0032	164	243	143	213
95	475	0.50	1.6	0.0032	205	287	170	253
120	608	0.50	1.6	0.0029	233	342	203	297
150	756	0.50	1.8	0.0029	-	386	-	335
185	925	0.50	2.0	0.0029	-	441	-	386
240	1.221	0.50	2.2	0.0028	-	525	-	455

NYMHY

CU/PVC/PVC-f

CONSTRUCTION

Kabel PVC berwarna putih terdiri dari kawat-kawat tembaga fleksibel.
Mampu menahan tegangan sampai 300/500V.

*White-colored PVC cable consisting of flexible copper wires.
Capable of carrying voltage up to 300/500V.*

SIZES

- 2 x 0.75 - 10 mm²
- 3 x 0.75 - 10 mm²
- 4 x 0.75 - 10 mm²

APPLICATION

Dapat digunakan di dalam ruangan untuk berbagai pemakaian seperti pemasangan lampu, mesin, dan peralatan portabel.

Applicable for indoor installations for a variety of uses such as lighting, machineries, and portable tool installations.



Technical Data

Ukuran <i>Sizes</i>	Pengantar <i>Conductor</i>	Ketebalan <i>Thickness</i>		Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>	
	Jumlah Kawat <i>Number of Wires</i>	Isolasi <i>Insulation</i>	Selubung Luar <i>Outer Sheathing</i>		
				30°C	40°C
mm ²	pcs	mm	mm	A	A
2 x 0.75	24	0.6	0.8	6	5.5
2 x 1	32	0.6	0.8	10	9.2
2 x 1.5	30	0.7	0.8	15	13.8
2 x 2.5	50	0.8	1.0	20	18.4
2 x 4	56	0.8	1.0	28	24
2 x 6	84	0.8	1.1	36	32
2 x 10	80	1.0	1.3	52	45
3 x 0.75	24	0.6	0.8	6	5.5
3 x 1	32	0.6	0.8	10	9.2
3 x 1.5	30	0.7	0.9	15	13.8
3 x 2.5	50	0.8	1.1	20	18.4
3 x 4	56	0.8	1.1	28	24
3 x 6	84	0.8	1.2	33	29
3 x 10	80	1.0	1.4	52	45
4 x 0.75	24	0.6	0.8	6	5.5
4 x 1	32	0.6	0.9	10	9.2
4 x 1.5	30	0.7	1.0	15	13.8
4 x 2.5	50	0.8	1.1	20	18.4
4 x 4	56	0.8	1.2	28	24
4 x 6	84	0.8	1.3	33	29
4 x 10	80	1.0	1.5	52	45

NYHY

CU/PVC/PVC-f

CONSTRUCTION

Kabel PVC berwarna hitam terdiri dari kawat-kawat tembaga fleksibel.
Mampu menahan tegangan sampai 300/500V.

*Black-colored PVC cable consisting of flexible copper wires.
Capable of carrying voltage up to 300/500V.*

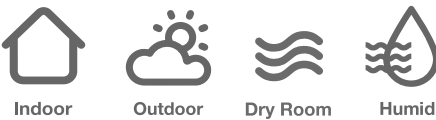
SIZES

- 2 x 0.75 - 10 mm²
- 3 x 0.75 - 10 mm²
- 4 x 0.75 - 35 mm²

APPLICATION

Dapat digunakan di dalam dan di luar ruangan untuk berbagai pemakaian seperti pemasangan lampu, mesin, dan peralatan portabel.

Applicable for indoor and outdoor installations for a variety of uses such as lighting, machineries, and portable tool installations.



Technical Data

Ukuran <i>Sizes</i>	Jumlah Kawat <i>Number of Wires</i>	Ketebalan <i>Thickness</i>		Kemampuan Hantar Arus Maksimum <i>Maximum Current Carrying Capacity</i>	
		Isolasi <i>Insulation</i>	Selubung Luar <i>Outer Sheathing</i>		
				30°C	40°C
mm²	pcs	mm	mm	A	A
2 x 0.75	24	0.6	0.8	6	5.5
2 x 1.5	30	0.7	0.8	15	13.8
2 x 2.5	50	0.8	1.0	20	18.4
2 x 4	54	0.8	1.0	28	24
2 x 6	84	0.8	1.0	36	32
2 x 10	80	1.0	1.1	57	49
3 x 0.75	24	0.6	0.8	6	5.5
3 x 1.5	30	0.7	0.9	15	13.8
3 x 2.5	50	0.8	1.1	20	18.4
3 x 4	56	0.8	1.0	28	24
3 x 6	84	0.8	1.0	33	29
3 x 10	80	1.0	1.1	52	45
4 x 0.75	24	0.6	0.8	6	5.5
4 x 1.5	30	0.7	1.0	15	13.8
4 x 2.5	50	0.8	1.1	20	18.4
4 x 4	56	0.8	1.1	28	24
4 x 6	84	0.8	1.1	33	29
4 x 10	80	1.0	1.2	52	45
4 x 16	126	1.0	1.4	80	70
4 x 25	196	1.2	1.4	105	91
4 x 35	276	1.2	1.6	130	113

NYFGbY

CU/PVC/SFA/PVC

CONSTRUCTION

Kabel PVC berwarna hitam terdiri dari beberapa kawat tembaga yang dilindungi oleh perisai dari kawat baja pipih dan spiral pita baja. Mampu menahan tegangan sampai 0.6/1kV.

Black-colored PVC cable consisting of copper wires protected by armoring made of galvanized circular flat wires and flat tape. Capable of carrying voltage up to 0.6/1kV.

SIZES

- 2 x 25 - 95 mm²
- 3 x 25 - 95 mm²
- 4 x 16 - 95 mm²

APPLICATION

Dapat digunakan berbagai cara; diantara lain instalasi di luar dan dalam ruangan; kering, lembap, atau basah. Dapat juga ditanam dalam tanah dan dalam air.

Applicable for a variety of uses; such as outdoor and indoor installations; dry, humid, or wet. Also applicable for underground and underwater installations.



Technical Data

Ukuran Sizes	Ketebalan Thickness				Kemampuan Hantar Arus Maksimum Maximum Current Carrying Capacity				
	Isolasi Insulation	Lapisan Pembungkus Inti Inner Sheathing	Perisai Armoring		Selubung Luar Outer Sheathing	Instalasi di Bawah Tanah Underground Installation		Instalasi di Udara Free Air Installation	
			Kawat Baja Pipih Galvanized Circular Flat Wire	Spiral Pita Baja Galvanized Flat Tape		20°C	30°C	30°C	40°C
mm ²	mm	mm	mm	mm	mm	A	A	A	A
2 x 25	1.2	1.0	0.8	0.3	1.8	150	134	120	104
2 x 35	1.2	1.0	0.8	0.3	2.0	180	160	150	131
2 x 50	1.4	1.0	0.8	0.3	1.9	210	187	180	157
2 x 70	1.4	1.2	0.8	0.3	2.0	260	230	230	200
2 x 95	1.6	1.2	0.8	0.3	2.1	315	280	275	240
3 x 25	1.2	1.0	0.8	0.3	1.8	130	116	105	91
3 x 35	1.2	1.0	0.8	0.3	1.8	155	138	130	113
3 x 50	1.4	1.0	0.8	0.3	1.9	185	165	160	139
3 x 70	1.4	1.2	0.8	0.3	2.0	230	205	200	174
3 x 95	1.6	1.2	0.8	0.3	2.2	275	245	245	215
4 x 16	1.0	1.0	0.8	0.3	1.8	100	89	80	70
4 x 25	1.2	1.0	0.8	0.3	1.8	130	116	105	91
4 x 35	1.2	1.0	0.8	0.3	1.9	155	138	130	113
4 x 50	1.4	1.2	0.8	0.3	2.0	185	165	160	139
4 x 70	1.4	1.2	0.8	0.3	2.1	230	205	200	174
4 x 95	1.6	1.2	0.8	0.3	2.3	275	245	245	215



NYRGbY

CU/PVC/SWA/PVC

CONSTRUCTION

Kabel PVC berwarna hitam terdiri dari beberapa kawat tembaga yang dilindungi oleh perisai dari kawat baja bulat dan spiral pita baja. Mampu menahan tegangan sampai 0.6/1kV.

Black-colored PVC cable consisting of copper wires protected by armoring made of galvanized circular round wires and flat tape. Capable of carrying voltage up to 0.6/1kV.

SIZES

- 2 x 2.5 - 10 mm²
- 3 x 2.5 - 10 mm²
- 4 x 2.5 - 10 mm²

APPLICATION

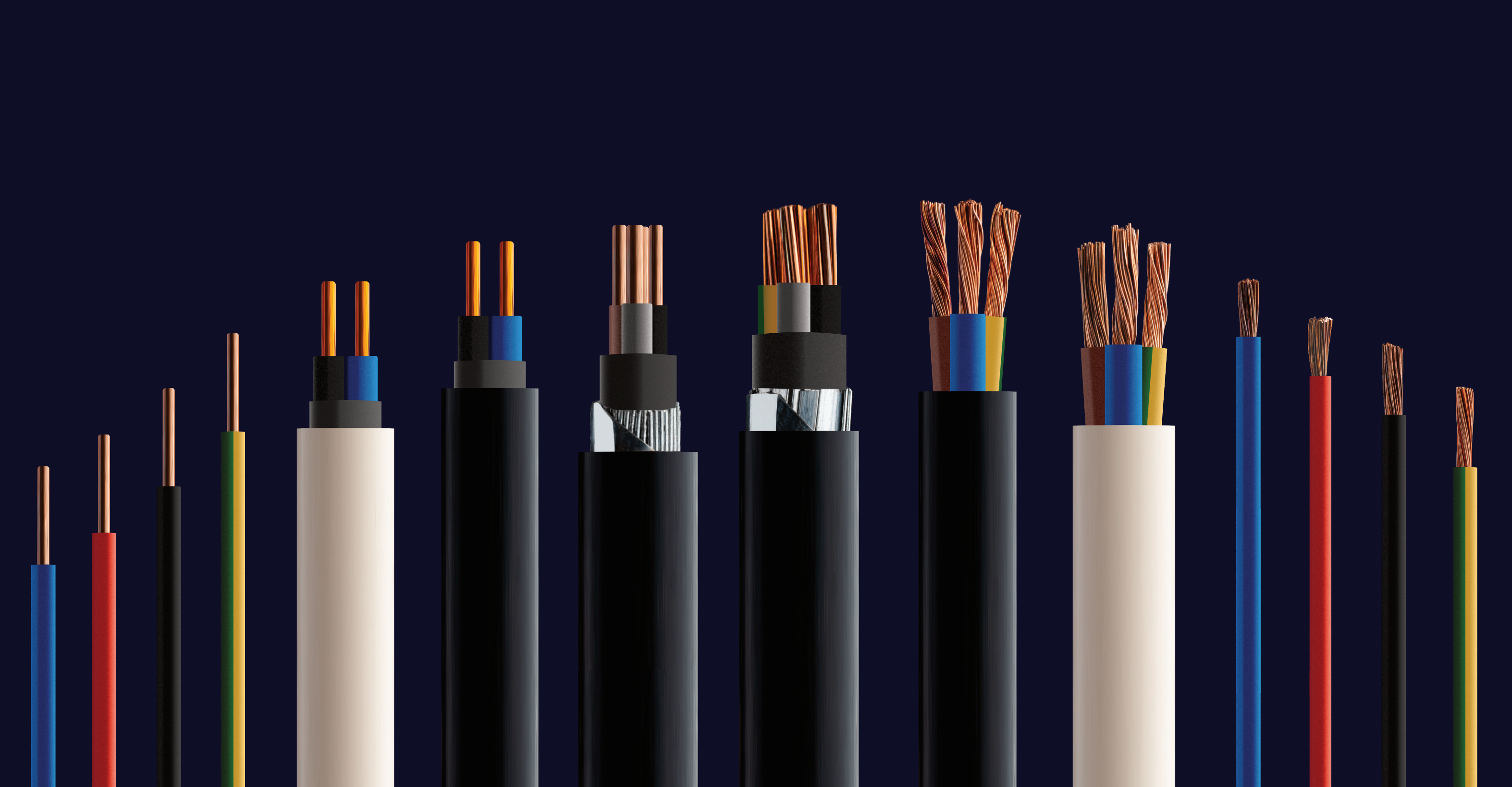
Dapat digunakan berbagai cara; diantara lain instalasi di luar dan dalam ruangan; kering, lembap, atau basah. Dapat juga ditanam dalam tanah dan dalam air.

Applicable for a variety of uses; such as outdoor and indoor installations; dry, humid, or wet. Also applicable for underground and underwater installations.



Technical Data

Ukuran Sizes	Ketebalan Thickness					Kemampuan Hantar Arus Maksimum Maximum Current Carrying Capacity			
	Isolasi Insulation	Lapisan Pembungkus Inti Inner Sheathing	Kawat Baja Bulat Galvanized Circular Round Wire	Spiral Pita Baja Galvanized Flat Tape	Selubung Luar Outer Sheathing	Instalasi di Bawah Tanah Underground Installation		Instalasi di Udara Free Air Installation	
						20°C	30°C	30°C	40°C
mm ²	mm	mm	mm	mm	mm	A	A	A	A
2 x 2.5	0.8	1.0	0.8	0.3	1.8	26	23	18	16
2 x 4	1.0	1.0	0.8	0.3	1.8	33	28	24	20
2 x 6	1.0	1.0	0.8	0.3	1.8	42	37	34	27
2 x 10	1.0	1.0	0.8	0.3	1.8	88	78	66	57
3 x 2.5	0.8	1.0	0.8	0.3	1.8	26	23	18	16
3 x 4	1.0	1.0	0.8	0.3	1.8	33	28	24	20
3 x 6	1.0	1.0	0.8	0.3	1.8	42	37	34	27
3 x 10	1.0	1.0	0.8	0.3	1.8	77	69	60	52
4 x 2.5	0.8	1.0	0.8	0.3	1.8	26	23	18	16
4 x 4	1.0	1.0	0.8	0.3	1.8	33	28	24	20
4 x 6	1.0	1.0	0.8	0.3	1.8	42	37	34	27
4 x 10	1.0	1.0	0.8	0.3	1.8	77	69	60	52



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