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- CU/PVC/PVC (NYM) ■ 300/500 VOLT
- CU/PVC/PVC (NYMHY) - 300/500 VOLT
- CU/PVC/PVC (NYY) - 0.6/1 kV
- CU/PVC/PVC (NYYHY) - 450/750 VOLT
- CU/PVC (NYA) - 450/750 VOLT
- CU/PVC (NYAF) - 450/750 VOLT

CU/PVC/PVC (NYM) ■ 300/500 VOLT  
COPPER CONDUCTOR, PVC INSULATED AND PVC SHEATHED CABLE



General Application : Used for permanent indoor installation in conduit under plaster or exposed installation in dry location

**DIMENSIONAL & MECHANICAL DATA**

No. of	Nominal cross-	No. of wire and	Nominal thickness	Overall diameter	Approximately net weight	Bending diameter	Standard delivery
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cores	sectional area	conductor shape		Insulation	Outer sheath	Min	Max		min	length
pcs	mm <sup>2</sup>	pcs	-	mm	mm	mm		Kg/Km	mm	m
2	1.5	1	re	0.7	1.2	7.6	10.0	121	160	50/100/Coil
2	1.5	7	rm	0.7	1.2	7.8	10.5	125	160	50/100/Coil
2	2.5	1	re	0.8	1.2	8.6	11.5	163	180	50/100/Coil
2	2.5	7	rm	0.8	1.2	9.0	12.0	176	190	50/100/Coil
2	4	1	re	0.8	1.2	9.6	12.5	210	220	1,000/drum
2	4	7	rm	0.8	1.2	10.0	13.0	229	250	1,000/drum
2	6	1	re	0.8	1.2	10.5	13.5	269	220	1,000/drum
2	6	7	rm	0.8	1.2	11.0	14.0	293	240	1,000/drum
2	10	1	re	1.0	1.4	13.0	16.5	441	290	1,000/drum
2	10	7	rm	1.0	1.4	13.5	17.5	483	310	1,000/drum
3	1.5	1	re	0.7	1.2	8.0	10.5	141	160	50/100/Coil
3	1.5	7	rm	0.7	1.2	8.2	11.0	146	170	50/100/Coil
3	2.5	1	re	0.8	1.2	9.2	12.0	194	190	50/100/Coil
3	2.5	7	rm	0.8	1.2	9.4	12.5	209	200	50/100/Coil
3	4	1	re	0.8	1.2	10.0	13.0	255	210	1,000/drum
3	4	7	rm	0.8	1.2	10.5	13.5	277	230	1,000/drum
3	6	1	re	0.8	1.4	12.0	14.5	345	240	1,000/drum
3	6	7	rm	0.8	1.4	14.0	15.5	373	260	1,000/drum
3	10	1	re	1.0	1.4	14.0	17.5	547	300	1,000/drum
3	10	7	rm	1.0	1.4	14.5	19.0	595	320	1,000/drum
4	1.5	1	re	0.7	1.2	8.6	11.5	167	170	50/100/Coil
4	1.5	7	rm	0.7	1.2	9.0	12.0	172	180	50/100/Coil
4	2.5	1	re	0.8	1.2	10.0	13.0	233	200	50/100/Coil
4	2.5	7	rm	0.8	1.2	10.0	13.5	251	210	50/100/Coil
4	4	1	re	0.8	1.2	11.5	14.5	322	230	1,000/drum
4	4	7	rm	0.8	1.2	12.0	15.0	349	250	1,000/drum
4	6	1	re	0.8	1.4	12.5	16.0	439	260	1,000/drum
4	6	7	rm	0.8	1.4	13.0	17.0	473	280	1,000/drum
4	10	1	re	1.0	1.4	15.5	19.0	673	320	1,000/drum
4	10	7	rm	1.0	1.4	16.0	20.5	730	350	1,000/drum

### ELECTRICAL Data

Nominal cross-sectional area	Resistance at 20°C		Current carrying capacity in AIR at 30°C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	2 cores	3,4,5 cores	
			A		
mm <sup>2</sup>	Q/Km	MQ.Km			kA
1.5	12.1	11	19	17	0.19



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2.5	7.41	9	25	22	0.32
4	4.61	8	34	30	0.50
6	3.08	7	44	39	0.73
10	1.83	6	61	54	1.20

CU/PVC/PVC (NYMHY) - 300/500 VOLT

FLEXIBLE COPPER CONDUCTOR, PVC INSULATED AND PVC SHEATHED CABLE

General Application : Used for temporary indoor installation, connection in portable appliance



### DIMENSIONAL & MECHANICAL DATA

No. of cores	Nominal cross-sectional area	Nominal thickness		Cable dimension		Approx, net weight	Bending diameter min	Standard delivery length
		Insulation	Outer Sheath	Min	Max			
pcs	mm <sup>2</sup>	mm		mm		mm	mm	m
2	0.75	0.6	0.8	6.0	7.6	62	120	100/Coil
2	1.0	0.6	0.8	6.4	8.0	70	120	100/Coil
2	1.5	0.7	0.8	7.4	9.0	93	140	100/Coil
2	2.5	0.8	1.0	8.9	11.0	144	180	100/Coil
3	0.75	0.6	0.8	6.4	8.0	73	120	100/Coil
3	1.0	0.6	0.8	6.8	8.4	83	130	100/Coil
3	1.5	0.7	0.9	8.0	9.8	117	150	1000/Coil
3	2.5	0.8	1.1	9.6	12.0	180	190	1000/Coil
4	0.75	0.6	0.8	6.8	8.6	87	130	1000/Coil
4	1.0	0.6	0.9	7.6	9.4	105	140	1000/Coil
4	1.5	0.7	1.0	9.0	11.0	146	170	1000/Coil
4	2.5	0.8	1.1	10.5	13.0	218	200	1000/Coil
5	0.75	0.6	0.9	7.4	9.5	111	150	1000/Coil
5	1.0	0.6	0.9	8.3	10.0	127	150	1000/Coil
5	1.5	0.7	1.1	10.0	12.0	183	180	1000/Coil
5	2.5	0.8	1.2	11.5	14.0	272	220	500/drum

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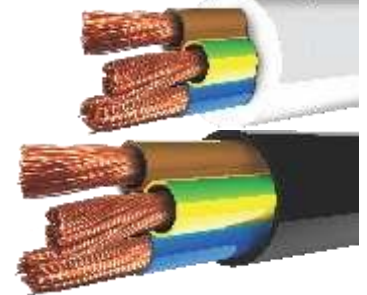
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**ELECTRICAL DATA**

Nominal cross-sectional area	Resistance at 20 °C		Current carrying capacity in air at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor or max	Insulation min	2 cores	3,4,5 cores	
mm <sup>2</sup>	Q/Km	MQ.Km	A		kA
0.75	24.5	11	9	4	0.10
1.0	18.1	11	12	10	0.13
1.5	12.1	10	19	17	0.19
2.5	7.41	9	25	22	0.32

Note : This is only general information. For other specific requirement, please contact our marketing.



CU/PVC/PVC (NYY) - 0.6/1 kV

COPPER CONDUCTOR, PVC INSULATED AND PVC SHEATHED CABLE

General Application : Used for permanent indoor or outdoor installation or laying in the ground where not sustain mechanical damage

**DIMENSIONAL & MECHANICAL DATA**

No. of cores	Nominal cross-sectional area	No. of wire and conductor shape		Nominal thickness		Approximately		Bending diameter min	Standard delivery length
				Insulation	Outer sheath	Overall diameter	Cable weight		
PCS	mm <sup>2</sup>	pcs	-	mm	mm	mm		mm	m
2	1.5	1	re	0.7	1.2	11	146	160	50/100/C oil
2	1.5	7	rm	0.7	1.2	11	161	160	50/100/C oil
2	2.5	1	re	0.8	1.2	11	180	180	50/100/C oil
2	2.5	7	rm	0.8	1.2	12	197	190	50/100/C oil
2	4	1	re	0.8	1.2	14	265	220	1,000/drum
2	4	7	rm	0.8	1.2	14	288	250	1,000/drum
2	6	1	re	0.8	1.2	14	323	220	1,000/drum



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									m
2	6	7	rm	0.8	1.2	15	358	240	1,000/dru m
2	10	1	re	1.0	1.4	16	459	290	1,000/dru m
2	10	7	rm	1.0	1.4	16	485	310	1,000/dru m
3	1.5	1	re	0.7	1.2	11	168	160	oil 50/100/C
3	1.5	7	rm	0.7	1.2	12	185	170	oil 50/100/C
3	2.5	1	re	0.8	1.2	12	212	190	oil 50/100/C
3	2.5	7	rm	0.8	1.2	13	232	200	oil 1,000/dru
3	4	1	re	0.8	1.2	14	314	210	m 1,000/dru
3	4	7	rm	0.8	1.2	15	340	230	m 1,000/dru
3	6	1	re	0.8	1.4	15	389	240	m 1,000/dru
3	6	7	rm	0.8	1.4	16	480	260	m 1,000/dru
3	10	1	re	1.0	1.4	17	561	300	m 1,000/dru
3	10	7	rm	1.0	1.4	17	599	320	m 1,000/dru
4	1.5	1	re	0.7	1.2	12	197	170	oil 50/100/C
4	1.5	7	rm	0.7	1.2	12	217	180	oil 50/100/C
4	2.5	1	re	0.8	1.2	13	251	200	oil 50/100/C
4	2.5	7	rm	0.8	1.2	13	275	210	oil 50/100/C
4	4	1	re	0.8	1.2	15	374	230	oil 1,000/dru
4	4	7	rm	0.8	1.2	16	406	250	m 1,000/dru
4	6	1	re	0.8	1.4	16	469	260	m 1,000/dru
4	6	7	rm	0.8	1.4	17	518	280	m 1,000/dru



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4	10	1	re	1.0	1.4	18	685	320	1,000/drum
4	10	7	rm	1.0	1.4	19	733	350	1,000/drum

### ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20°C		Current carrying capacity in AIR at 30°C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min			
			2 cores	3,4,5 cores	
mm <sup>2</sup>	Q/Km	MQ.Km	A		kA
1.5	12.1	11	19	17	0.19
2.5	7.41	9	25	22	0.32
4	4.61	8	34	30	0.50
6	3.08	7	44	39	0.73
10	1.83	6	61	54	1.20

CU/PVC/PVC (NYYHY) - 450/750 VOLT

FLEXIBLE COPPER CONDUCTOR, PVC INSULATED AND PVC SHEATHED CABLE

General Application : Used for temporary indoor or outdoor installation, connection in portable appliance

### DIMENSIONAL & MECHANICAL DATA

No. of cores	Nominal cross-sectional area	Maximum diameter of wire	Nominal thickness		Approximately		Bending diameter min	Standard delivery length
			Insulation	Outer Sheath	Overall diameter	Cable weight		
pcs	mm <sup>2</sup>		mm		mm		mm	m
2	0.75	0.20	0.6	0.8	6.3	54	44	100 Or 2000
2	1	0.20	0.6	0.8	6.5	61	46	100 Or 2000
2	1.5	0.25	0.7	0.8	7.5	82	52	100 Or 2000
2	2.5	0.25	0.8	1.0	9.2	128	65	100 Or 2000
3	0.75	0.20	0.6	0.8	6.6	64	46	100 Or 2000
3	1	0.20	0.6	0.8	6.9	73	48	100 Or 2000
3	1.5	0.25	0.7	0.9	8.1	104	57	100 Or 2000
3	2.5	0.25	0.8	1.0	10.0	161	70	100 Or 2000
4	0.75	0.20	0.6	0.8	7.3	77	51	100 Or 2000



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4	1	0.20	0.6	0.9	7.8	92	54	2000 100 Or 2000
4	1.5	0.25	0.7	1.0	9.1	130	64	1000
4	2.5	0.25	0.8	1.1	10.9	195	77	1000

### ELECTRICAL DATA

Nominal cross-sectional area	Resistance at 20 °C		Current carrying capacity in AIR at 30°C	Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min		
mm <sup>2</sup>	Q/Km	MO. Km	A	kA
0.75	26.0	50	6	0.09
1.0	19.5	50	10	0.12
1.5	13.3	50	15	0.17
2.5	7.98	50	20	0.29

Note : This is only general information. For other specific requirement, please contact our marketing.

CU/PVC (NYA) - 450/750 VOLT

SINGLE CORE, COPPER CONDUCTOR AND PVC INSULATED CABLE

General Application : Used for grounding cable or internal wiring in dry location

### DIMENSIONAL & MECHANICAL DATA

Nominal cross-sectional	No. of wire and conductor shape		Nominal insulation thickness	Approximately		Bending diameter min	Standard delivery length
				Overall diameter	Net Weight		
mm <sup>2</sup>	PCS	-	mm	mm	Kg/Km	mm	m
1.5	1	re	0.7	2.9	20	80	100/Coil
1.5	7	rm	0.7	3.0	21	90	100/Coil
2.5	1	re	0.8	3.5	32	100	100/Coil
2.5	7	rm	0.8	3.7	34	110	100/Coil
4	1	re	0.8	3.9	47	120	100/Coil
4	7	rm	0.8	4.3	51	140	100/Coil
6	1	re	0.8	4.4	67	140	100/Coil
6	7	rm	0.8	4.8	71	160	100/Coil
10	1	re	1.0	5.7	111	180	100/Coil
10	7	rm	1.0	6.2	119	210	100/Coil

### ELECTRICAL DATA

Nominal cross sectional	Resistance at 20 °C		Current carrying capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor	Insulation min	In Pipe	In Air	
mm <sup>2</sup>	O/Km	MO. Km	A		kA
1.5	12.1	10	15	24	0.19
2.5	7.41	9	20	32	0.32
4	4.61	8	25	43	0.50
6	3.08	7	33	54	0.73
10	1.83	7	45	74	1.20



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CU/PVC (NYAF) - 450/750 VOLT

SINGLE CORE , FLEXIBLE COPPER CONDUCTOR AND PVC INSULATED CABLE

General Application : Used for grounding cable or internal wiring where flexibility are required

#### DIMENSIONAL & MECHANICAL DATA

Nominal cross sectional area	CONDUCTOR	Nominal thickness	Approximately		Bending diameter min	Standard delivery length
	Maximum dia of wire		Insulation	Overall diameter		
mm <sup>2</sup>	mm	mm	mm	Kg/Km	mm	m
1.5	0.25	0.7	3.1	2.2	70	100/Coil
2.5	0.25	0.8	3.8	33	90	100/Coil
4	0.30	0.8	4.3	49	100	100/Coil
6	0.30	0.8	4.6	68	110	100/Coil
10	0.40	1.0	6.0	114	150	100/Coil

#### ELECTRICAL DATA

Nominal cross sectional	Resistance at 20 °C		Current carrying capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor	Insulation min	In Pipe	In Air	
mm <sup>2</sup>	<b>Ω/Km</b>	<b>MΩ.Km</b>	A		kA
1.5	13.3	10	15	24	0.19
2.5	7.98	9	20	32	0.32
4	4.95	8	25	42	0.50
6	3.30	7	33	54	0.73
10	1.91	7	45	73	1.20

Note : This is only general information. For other specific requirement, please contact our marketing.