Cu/PVC (NYA) - 450/750 VOLT SNI 04-6629.3

SINGLE CORE, COPPER CONDUCTOR AND PVC INSULATED CABLE

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

DIMENSIONAL & MECHANICAL DATA

Size	Conductor shape	Nominal Insulation Thickness	Approximately		Standard delivery length
			Overall diameter	Net weight	
mm²	-	mm	mm	kg/km	m
1.5	re	0.7	2.9	20	100/Coil
1.5	rm	0.7	3.0	21	100/Coil
2.5	re	0.8	3.5	32	100/Coil
2.5	rm	0.8	3.7	34	100/Coil
4	re	0.8	3.9	47	100/Coil
4	rm	0.8	4.3	51	100/Coil
6	re	0.8	4.4	67	100/Coil
6	rm	0.8	4.8	71	100/Coil
10	re	1.0	5.7	111	100/Coil
10	rm	1.0	6.2	119	100/Coil

ELECTRICAL DATA

Size	Resistance at 20°C		Current carrying capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC Conductor Max.	Insulation Min.	In Pipe	In Air	
mm²	Ω/km	M.Ω.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

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

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Cu/PVC/PVC (NYM) - 300/500 VOLT SNI 04-6629.4

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

Size	Conductor shape	Nominal Thickness		Overall diameter		Approximately Net weight	Standard delivery length	
		Insulation	Outer Sheath	Min	Max		Coil	Drum
mm²	-	mm	mm	mm	mm	kg/km	m	
2 x 1.5	re	0.7	1.2	7.6	10.0	114	50/100	2000
2 x 2.5	re	0.8	1.2	8.6	11.5	148	50/100	2000
2 x 4	re	0.8	1.2	9.6	12.5	206	50/100	2000
2 x 6	re	0.8	1.2	10.5	13.5	264	-	1000
2 x 10	re	1.0	1.4	13.0	16.5	428	-	1000
3 x 1.5	re	0.7	1.2	8.0	10.5	135	50/100	2000
3 x 2.5	re	0.8	1.2	9.2	12.0	177	50/100	2000
3 x 4	re	0.8	1.2	10.0	13.0	249	-	1000
3 x 6	re	0.8	1.4	12.0	14.5	336	-	1000
3 x 10	re	1.0	1.4	14.0	17.5	528	-	1000
4 x 1.5	re	0.7	1.2	8.6	11.5	162	50/100	2000
4 x 2.5	re	0.8	1.2	10.0	13.0	220	50/100	2000
4 x 4	re	0.8	1.4	11.5	14.5	313	-	1000
4 x 6	re	0.8	1.4	12.5	16.0	415	-	1000
4 x 10	re	1.0	1.4	15.5	19.0	651	-	1000

ELECTRICAL DATA

Size	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.		
mm²	Ω/km	M.Ω.Km	A	kA
1.5	12.1	11	19	0.19
2.5	7.41	10	25	0.32
4	4.61	9	34	0.50
6	3.08	7	44	0.73
10	1.83	7	61	1.20

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

Cu/PVC/PVC (NYY) - 0.6/1 (1.2) kV SNI IEC 60502-1

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 demage

DIMENSIONAL & MECHANICAL DATA

Size	Conductor shape	Nominal Thickness		Approximately		Standard delivery length	
		Insulation	Outer Sheath	Overall Diameter	Net weight	Coil	Drum
mm²	-	mm	mm	mm	kg/km	m	
2 x 1.5	re	0.8	1.8	11	146	100	2000
2 x 2.5	re	0.8	1.8	11	180	100	2000
2 x 4	re	1.0	1.8	14	265	100	2000
2 x 6	re	1.0	1.8	14	323	-	2000
2 x 10	re	1.0	1.8	16	459	-	1000
3 x 1.5	re	0.8	1.8	11	168	100	2000
3 x 2.5	re	0.8	1.8	12	212	100	2000
3 x 4	re	1.0	1.8	14	314	-	1000
3 x 6	re	1.0	1.8	15	389	-	1000
3 x 10	re	1.0	1.8	17	561	-	1000
4 x 1.5	re	0.8	1.8	12	197	100	2000
4 x 2.5	re	0.8	1.8	13	251	100	2000
4 x 4	re	1.0	1.8	15	374	-	1000
4 x 6	re	1.0	1.8	16	469	-	1000
4 x 10	re	1.0	1.8	18	685	-	1000

ELECTRICAL DATA

Size	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.		
mm²	Ω/km	M.Ω.Km	A	kA
1.5	12.1	11	19	0.19
2.5	7.41	10	25	0.32
4	4.61	9	34	0.50
6	3.08	7	44	0.73
10	1.83	7	61	1.20

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