WIRING CABLE

Type : NYM - 300/500 V

SNI 04-6629-2006 (SPLN 42- 2:1992)

(Copper Conductor, PVC Insulated and PVC Sheathed)

DIMENSIONAL & MECHANICAL DATA

No. of Cores	Size	Conductor		Insulation Thickness	Jacket Thickness	Approx. Overall Diameter	Approx. Net Weight	Standard Reel Length
		Shape	No.of Wire					
-	mm^2	-	-	mm	mm	mm	kg/km	m
2	1.5	re (rm)	1 (7)	0.7	1.2	10.0	112	1000
	2.5	re (rm)	1 (7)	0.8	1.2	11.5	152	1000
	4	re (rm)	1 (7)	0.8	1.2	13.0	206	1000
	6	re (rm)	1 (7)	0.8	1.2	13.7	263	1000
	10	re (rm)	1 (7)	1.0	1.4	17.1	426	1000
	16	rm	7	1.0	1.4	20.0	632	1000
	25	rm	7	1.2	1.4	24.0	943	1000
	35	rm	7 (19)	1.2	1.6	27.5	1,300	1000
3	1.5	re (rm)	1 (7)	0.7	1.2	10.5	132	1000
	2.5	re (rm)	1 (7)	0.8	1.2	12.5	184	1000
	4	re (rm)	1 (7)	0.8	1.2	13.5	255	1000
	6	re (rm)	1 (7)	0.8	1.4	15.5	341	1000
	10	re (rm)	1 (7)	1.0	1.4	19.0	531	1000
	16	rm	7	1.0	1.4	21.5	821	1000
	25	rm	7	1.2	1.6	26.0	1,231	1000
	35	rm	7 (19)	1.2	1.6	29.0	1,582	1000
4	1.5	re (rm)	1 (7)	0.7	1.2	11.5	156	1000
	2.5	re (rm)	1 (7)	0.8	1.2	13.0	222	1000
	4	re (rm)	1 (7)	0.8	1.4	14.5	324	1000
	6	re (rm)	1 (7)	0.8	1.4	17.0	437	1000
	10	re (rm)	1 (7)	1.0	1.4	20.5	725	1000
	16	rm	7	1.0	1.4	23.5	1,030	1000
	25	rm	7	1.2	1.6	28.5	1,600	1000
	35	rm	7 (19)	1.2	1.6	32.0	2,038	1000
5	1.5	re (rm)	1 (7)	0.7	1.2	12.5	188	1000
	2.5	re (rm)	1 (7)	0.8	1.2	14.0	281	1000
	4	re (rm)	1 (7)	0.8	1.4	17.0	426	1000
	6	re (rm)	1 (7)	0.8	1.4	18.5	555	1000
	10	re (rm)	1 (7)	1.0	1.4	22.0	876	1000
	16	rm	7	1.0	1.6	26.0	1,293	1000
	25	rm	7	1.2	1.6	31.5	1,949	1000
	35	rm	7 (19)	1.2	1.6	35.0	2,564	1000

ELECTRICAL DATA

No. of Cores	Size	Max. DC Resistance at 20ºC		Current Carrying Capacity	Reactance per Conductor	Short Circuit Current at 1 sec
		Conductor	Insulation	In Air 30ºC		
-	mm^2	Ohm/km	M.Ohm.km	A	Ohm/km	kA
2	1.5	12.1	50	19	0.108	0.17
	2.5	7.41	50	25	0.104	0.29
	4	4.61	50	34	0.100	0.46
	6	3.08	50	44	0.094	0.70
	10	1.83	50	61	0.088	1.16
	16	1.15	40	82	0.083	1.86
	25	0.727	40	108	0.080	2.91
	35	0.524	40	134	0.077	4.07
3	1.5	12.1	50	19	0.108	0.17
	2.5	7.41	50	25	0.104	0.29
	4	4.61	50	34	0.100	0.46
	6	3.08	50	44	0.094	0.70
	10	1.83	50	61	0.088	1.16
	16	1.15	40	82	0.083	1.86
	25	0.727	40	108	0.080	4.07
	35	0.524	40	134	0.077	4.07
4	1.5	12.1	50	19	0.115	0.17
	2.5	7.41	50	25	0.110	0.29
	4	4.61	50	34	0.107	0.46
	6	3.08	50	44	0.100	0.70
	10	1.83	50	61	0.094	1.16
	16	1.15	40	82	0.090	1.86
	25	0.727	40	108	0.086	2.91
	35	0.524	40	134	0.083	4.07
5	1.5	12.1	50	19	0.115	0.17
	2.5	7.41	50	25	0.110	0.29
	4	4.61	50	34	0.107	0.46
	6	3.08	50	44	0.100	0.70
	10	1.83	50	61	0.094	1.16
	16	1.15	40	82	0.090	1.86
	25	0.727	40	108	0.086	2.91
	35	0.524	40	134	0.083	4.07