

## LOW VOLTAGE BUNDLED ALUMINUM OVERHEAD CABLE (TWISTED CABLE)

Type : NFA2X-T - 0.6/1 kV

SPLN 42-10 : 1986/1993

(Aluminum Conductor XLPE Insulated)

### DIMENSIONAL & MECHANICAL DATA

Cable Size	Insulation Thickness			Approx. Twisted Diameter	Approx. Net Weight	Standard Reel Length
	Phase	Neutral/Messenger	Public Lighting			
mm <sup>2</sup>	mm	mm	mm	mm	kg/km	m
2x25+25	1.4	1.4	-	21	338	500
2x25+1x50	1.4	1.6	-	21	425	500
2x35+25	1.6	1.4	-	24	394	500
2x35+1x50	1.6	1.6	-	24	475	500
2x50+35	1.6	1.6	-	26	526	500
2x50+1x50	1.6	1.6	-	26	555	500
2x70+50	1.8	1.6	-	31	760	500
2x95+70	2.0	1.8	-	36	975	500
3x25+25	1.4	1.4	-	24	452	500
3x25+1x50	1.4	1.6	-	23	525	500
3x35+25	1.6	1.4	-	27	537	500
3x35+1x50	1.6	1.6	-	26	620	500
3x50+35	1.6	1.6	-	30	717	500
3x50+1x50	1.6	1.6	-	30	790	500
3x70+50	1.8	1.6	-	36	1,057	500
3x95+70	2.0	1.8	-	40	1,340	500
3x25+25+2x16	1.4	1.4	1.2	32	598	500
3x25+50+2x16	1.4	1.6	1.2	36	615	500
3x35+25+2x16	1.6	1.4	1.2	34	683	500
3x35+50+2x16	1.6	1.6	1.2	38	700	500
3x50+35+2x16	1.6	1.6	1.2	40	863	500
3x50+50+2x16	1.6	1.6	1.2	42	850	500
3x70+50+2x16	1.8	1.6	1.2	48	1,130	-
3x95+70+2x16	2.0	1.8	1.2	55	1,410	500

### ELECTRICAL DATA

Cable Size	Phase			Neutral/Mess	Public Lighting		
	Conductor Resistance	Current Carrying Capacity		Conductor Resistance	Conductor Resistance	Current Carrying Capacity	
		at 20° C	at 30° C			at 40° C	at 20° C
mm <sup>2</sup>	Ohm/km	A	A	Ohm/km	Ohm/km	A	A
2x25+25	1.20	103	-	1.38	-	-	-
2x25+1x50	1.090	116	105	0.69	-	-	-
2x35+25	0.868	125	-	1.38	-	-	-
2x35+1x50	0.881	139	126	0.69	-	-	-
2x50+35	0.641	154	-	0.986	-	-	-
2x50+1x50	0.606	160	145	0.69	-	-	-
2x70+50	0.443	196	-	0.69	-	-	-
2x95+70	0.320	242	-	0.45	-	-	-
3x25+25	1.20	103	-	1.38	-	-	-
3x25+1x50	1.90	116	105	0.69	-	-	-
3x35+25	0.868	125	-	1.38	-	-	-
3x35+1x50	0.881	139	126	0.69	-	-	-
3x50+35	0.641	154	-	0.986	-	-	-
3x50+1x50	0.606	160	145	0.69	-	-	-
3x70+50	0.443	196	-	0.69	-	-	-
3x95+70	0.320	242	-	0.45	-	-	-
3x25+25+2x16	1.20	103	-	1.38	-	72	-
3x25+50+2x16	1.090	116	105	0.69	1.80	77	70
3x35+25+2x16	0.868	125	-	1.38	1.91	72	-
3x35+50+2x16	0.881	139	126	0.69	1.80	77	70
3x50+35+2x16	0.641	154	-	0.986	1.91	72	-
3x50+50+2x16	0.606	160	145	0.69	1.80	77	70
3x70+50+2x16	0.443	196	-	0.69	1.91	72	-
3x95+70+2x16	0.320	242	0.450	0.45	1.91	72	-