ABC

1) Stranded Aluminium Conductor

2) XLPE Insulation

3) Hanger Wire

TECHNICAL DATA

Permissible operating temperature	: 90°C
Short circuit temperature	: 250 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD

USAGE AREAS

It is used at electrical systems of villages at rural areas and woodlands. It is safer than bare transmision lines. against short circuit and accidentally touch.

Max. Operating temperature

Short circuit temperature


Test Voltage (AC) 4 kV


Flame retardant IEC 60332-1

Lead-free


Stranded


Installation temperature min 5°C


Outdoor


Aerial

Bolex Ltd.

INSULATED CONDUCTORS							WIRE HANGER			CABLE	
Number and Cross Section	No of Wires	Nominal Diameter of Conductor	Conductor DC Resistance at 20°C	Cuurent Carrying Capacity	Number and cross section	Cuurent Carrying Capacity	AverageDi - ameter Wire Hangers	Tensile Strength	Conductor DC Resistance at 20°C	Twisted Diameter	Net Weight (Approx)
mm2	Adet	mm	ohm/km	A	mm2	A	mm	kN	ohm/km	mm	kg/km
2X16	7	4.7	1.91	93	-	-	-	-	-	15	130
2X25	7	5.9	1.2	122	-	-	-	-	-	18.5	180
2X35	7	6.9	0.868	129	-	-	-	-	-	2	240
2X50	7	8.1	0.641	158	-	-	-	-	-	24	320
2X70	14	9.7	0.443	203	-	-	-	-	-	26	450
3X16	7	4.7	1.91	83	-	-	-	-	-	16	190
3X25	7	5.9	1.2	111	-	-	-	-	-	20	280
3X35	7	6.9	0.868	131	-	-	-	-	-	22	360
3X50	7	8.1	0.641	168	-	-	-	-	-	24	490
3X70	14	9.7	0.443	213	-	-	-	-	-	28	670
3X95	19	11.4	0.32	258	-	-	-	-	-	32	940
3X120	19	12.928	0.253	300	-	-	-	-	-	36	1150
3X150	14	14.241	0.206	344	-	-	-	-	-	38	1390
4X16	7	4.7	1.91	83	-	-	-	-	-	18	260
4X25	7	5.9	1.2	111	-	-	-	-	-	22	370
4X35	7	6.9	0.868	131	-	-	-	-	-	26	480
4X50	7	8.1	0.641	168	-	-	-	-	-	28	650
4X70	14	9.7	0.443	213	-	-	-	-	-	32	900
4X95	19	11.4	0.32	258	-	-	-	-	-	36	1250
4X120	19	12.928	0.253	300	-	-	-	-	-	40	1530
4X150	30	14.241	0.206	344	-	-	-	-	-	44	1850
3X16	7	4.7	1.91	103	-	-	6.6	-	-	26	240
3X25	7	5.9	1.2	132	-	-	7.8	-	-	28	350
3X35	7	6.9	0.868	139	-	-	7.8	-	-	31	430
3X35	7	6.9	0.868	139	-	-	8.6	7.4	1.38	31	460
3X50	7	8.1	0.641	168	-	-	8.6	7.4	1.38	34	580
3X70	14	9.7	0.443	213	-	-	8.6	7.4	1.38	38	770
3X70	14	9.7	0.443	213	-	-	9.6	10.3	0.986	38	800
3X95	19	11.4	0.32	258	-	-	11.3	14.2	0.72	42	1110
3X120	19	12.928	0.253	300	-	-	12.9	20.6	0.493	46	1380
3X150	30	14.241	0.206	344	-	-	12.9	20.6	0.493	48	1630
3X25	7	5.9	1.2	132	1X16	60	7.8	-	-	28	410
3X35	7	6.9	0.868	139	1X16	60	7.8	-	-	31	490
3X35	7	6.9	0.868	139	1X16	60	8.6	7.4	1.38	32	520
3X50	7	8.1	0.641	168	1X16	60	8.6	7.4	1.38	34	650
3X50	7	8.1	0.641	168	1X16	60	9.6	10.3	0.986	35	680
3X70	14	9.7	0.443	213	1X16	60	8.6	7.4	1.38	36	830
3X70	14	9.7	0.443	213	1X16	60	9.6	10.3	0.986	37	860
3X70	14	9.7	0.443	213	1X16	60	11.3	14.2	0.72	40	910
3X95	19	11.4	0.32	258	1X16	60	9.6	10.3	0.986	42	1130
3X95	19	11.4	0.32	258	1X16	60	11.3	14.2	0.72	44	1170
3X95	19	11.4	0.32	258	1X16	60	12.9	20.6	0.493	46	1240
3X120	19	12.928	0.253	300	1X16	60	12.9	20.6	0.493	47	1440
3X150	30	14.241	0.206	344	1X16	60	12.9	20.6	0.493	49	1690