

## 0.6 / 1 kV XLPE İzoleli Alüminyum İletkenli Askı Telli Enerji Kabloları 0.6 / 1 kV XLPE Insulated Aerial Bundle Conductor Power Cable

# ABC



- 1) Örgülü Alüminyum İletken  
Stranded Aluminium Conductor
- 2) XLPE izole  
XLPE Insulation
- 3) Askı Teli  
Hanger Wire

### TEKNİK BİLGİLER

İzin verilen işletme sıcaklığı	: 90 °C
Kısa devre sıcaklığı	: 250 °C
Test gerilimi (AC)	: 4 kV
Serim sıcaklığı min	: 5 °C
Minimum Bükme Yarı Çapı	: 12xD

### KULLANIM ALANLARI

Kırsal ve ağaçlık alanlarda köy elektrik sistemlerinde kullanılır. Çıplak hava-i hat iletkenlerine göre kısa devre ve yanlışlıkla dokunularak çarpılmaya karşı daha güvenlidir.

### 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 transmission lines. against short circuit and accidentally touch.



Max. işletme sıcaklığı  
Max. Operating  
temperature



Kısa devre sıcaklığı  
Short circuit  
temperature



Test Gerilimi  
(AC) 4 kV  
Test Voltage  
(AC) 4 kV



Aleve dayanıklılık  
Flame retardant  
IEC 60332-1



Kurşunsuz  
Lead-free



Örgülü  
Stranded



Serim sıcaklığı  
minimum 5°C  
Installation  
temperature  
min 5°C



Açıkta  
Outdoor



Havai Hat  
Aerial

# TEKNİK ÖZELLİKLER

## TECHNICAL DATA

# ABC

### HD 626

İLETKENLERİN SAYISI VE ANMA KESİT ALANI	YALITILMIŞ İLETKENLER							ASKI TELİ			KABLO	
	INSULATED CONDUCTORS							WIRE HANGER			CABLE	
	Sayı ve Kesit Alanı	Tel Sayısı	Ortalama Çap	İletken DC Direnci (20°C)	Akım Taşıma Kapasitesi	Sayı ve Kesit Alanı	Akım Taşıma Kapasitesi	Askı Teli Ortalama Çap	Kopma Yüğü	İletken DC Direnci (20°C)	Bükülü Çap	Yaklaşık Net Ağırlık
NUMBER AND REMEMBRANCE SECTIONAL AREA OF THE CONDUCTOR	Number and Cross Section	No of Wires	Nominal Diameter of Conductor	Conductor DC Resistance at 20°C	Current Carrying Capacity	Number and cross section	Current Carrying Capacity	Average Diameter Wire Hangers	Tensile Strength	Conductor DC Resistance at 20°C	Twisted Diameter	Net Weight (Approx)
mm <sup>2</sup>	mm <sup>2</sup>	Adet	mm	ohm/km	A	mm <sup>2</sup>	A	mm	kN	ohm/km	mm	kg/km

2 x 16	2X16	7	4.7	1.91	93	-	-	-	-	-	15	130
2 x 25	2X25	7	5.9	1.2	122	-	-	-	-	-	18.5	180
2 x 35	2X35	7	6.9	0.868	129	-	-	-	-	-	2	240
2 x 50	2X50	7	8.1	0.641	158	-	-	-	-	-	24	320
2 x 70	2X70	14	9.7	0.443	203	-	-	-	-	-	26	450
3 x 16	3X16	7	4.7	1.91	83	-	-	-	-	-	16	190
3 x 25	3X25	7	5.9	1.2	111	-	-	-	-	-	20	280
3 x 35	3X35	7	6.9	0.868	131	-	-	-	-	-	22	360
3 x 50	3X50	7	8.1	0.641	168	-	-	-	-	-	24	490
3 x 70	3X70	14	9.7	0.443	213	-	-	-	-	-	28	670
3 x 95	3X95	19	11.4	0.32	258	-	-	-	-	-	32	940
3 x 120	3X120	19	12.928	0.253	300	-	-	-	-	-	36	1150
3 x 150	3X150	14	14.241	0.206	344	-	-	-	-	-	38	1390
4 x 16	4X16	7	4.7	1.91	83	-	-	-	-	-	18	260
4 x 25	4X25	7	5.9	1.2	111	-	-	-	-	-	22	370
4 x 35	4X35	7	6.9	0.868	131	-	-	-	-	-	26	480
4 x 50	4X50	7	8.1	0.641	168	-	-	-	-	-	28	650
4 x 70	4X70	14	9.7	0.443	213	-	-	-	-	-	32	900
4 x 95	4X95	19	11.4	0.32	258	-	-	-	-	-	36	1250
4 x 120	4X120	19	12.928	0.253	300	-	-	-	-	-	40	1530
4 x 150	4X150	30	14.241	0.206	344	-	-	-	-	-	44	1850
3 x 16 + 10	3X16	7	4.7	1.91	103	-	-	6.6	-	-	26	240
3 x 25 + 16	3X25	7	5.9	1.2	132	-	-	7.8	-	-	28	350
3 x 35 + 16	3X35	7	6.9	0.868	139	-	-	7.8	-	-	31	430
3 x 35 + 25	3X35	7	6.9	0.868	139	-	-	8.6	7.4	1.38	31	460
3 x 50 + 25	3X50	7	8.1	0.641	168	-	-	8.6	7.4	1.38	34	580
3 x 70 + 25	3X70	14	9.7	0.443	213	-	-	8.6	7.4	1.38	38	770
3 x 70 + 35	3X70	14	9.7	0.443	213	-	-	9.6	10.3	0.986	38	800
3 x 95 + 50	3X95	19	11.4	0.32	258	-	-	11.3	14.2	0.72	42	1110
3 x 120 + 70	3X120	19	12.928	0.253	300	-	-	12.9	20.6	0.493	46	1380
3 x 150 + 70	3X150	30	14.241	0.206	344	-	-	12.9	20.6	0.493	48	1630
3 x 25 + 16 + 16	3X25	7	5.9	1.2	132	1X16	60	7.8	-	-	28	410
3 x 35 + 16 + 16	3X35	7	6.9	0.868	139	1X16	60	7.8	-	-	31	490
3 x 35 + 25 + 16	3X35	7	6.9	0.868	139	1X16	60	8.6	7.4	1.38	32	520
3 x 50 + 25 + 16	3X50	7	8.1	0.641	168	1X16	60	8.6	7.4	1.38	34	650
3 x 50 + 35 + 16	3X50	7	8.1	0.641	168	1X16	60	9.6	10.3	0.986	35	680
3 x 70 + 25 + 16	3X70	14	9.7	0.443	213	1X16	60	8.6	7.4	1.38	36	830
3 x 70 + 35 + 16	3X70	14	9.7	0.443	213	1X16	60	9.6	10.3	0.986	37	860
3 x 70 + 50 + 16	3X70	14	9.7	0.443	213	1X16	60	11.3	14.2	0.72	40	910
3 x 95 + 35 + 16	3X95	19	11.4	0.32	258	1X16	60	9.6	10.3	0.986	42	1130
3 x 95 + 50 + 16	3X95	19	11.4	0.32	258	1X16	60	11.3	14.2	0.72	44	1170
3 x 95 + 70 + 16	3X95	19	11.4	0.32	258	1X16	60	12.9	20.6	0.493	46	1240
3 x 120 + 70 + 16	3X120	19	12.928	0.253	300	1X16	60	12.9	20.6	0.493	47	1440
3 x 150 + 70 + 16	3X150	30	14.241	0.206	344	1X16	60	12.9	20.6	0.493	49	1690



# TEKNİK ÖZELLİKLER

## TECHNICAL DATA

# ABC

### NFC-33-209

İLETKENLERİN SAYISI VE ANMA KEŞİT ALANI	YALITILMIŞ İLETKENLER							ASKI TELİ			KABLO	
	INSULATED CONDUCTORS							WIRE HANGER			CABLE	
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NUMBER AND REMEMBRANCE SECTIONAL AREA OF THE CONDUCTOR	Number and Cross Section	No of Wires	Nominal Diameter of Conductor	Conductor DC Resistance at 20°C	Current Carrying Capacity	Number and cross section	Current Carrying Capacity	Average Diameter Wire Hangers	Tensile Strength	Conductor DC Resistance at 20°C	Twisted Diameter	Net Weight (Approx)
mm <sup>2</sup>	mm <sup>2</sup>	Adet	mm	ohm/km	A	mm <sup>2</sup>	A	mm	kN	ohm/km	mm	kg/km

2 x 16	2X16	7	4.7	1.91	93	-	-	-	-	-	15	120
2 x 25	2X25	7	5.9	1.2	122	-	-	-	-	-	18.5	190
2 x 35	2X35	7	6.9	0.868	129	-	-	-	-	-	2	250
2 x 50	2X50	7	8.1	0.641	158	-	-	-	-	-	24	330
4 x 16	4X16	7	4.7	1.91	83	-	-	-	-	-	18	250
4 x 25	4X25	7	5.9	1.2	111	-	-	-	-	-	22	380
4 x 35	4X35	7	6.9	0.868	131	-	-	-	-	-	26	510
4 x 50	4X50	7	8.1	0.641	168	-	-	-	-	-	28	660
4 x 70	4X70	12	9.7	0.443	213	-	-	-	-	-	32	940
4 x 95	4X95	19	11.4	0.32	258	-	-	-	-	-	36	1270
4 x 120	4X120	19	12.8	0.253	300	-	-	-	-	-	40	1550
3 x 25 + 54.6	3X25	7	5.9	1.2	111	-	-	12.8	16.6	0.63	30	490
3 x 35 + 54.6	3X35	7	6.9	0.868	131	-	-	12.8	16.6	0.63	33	590
3 x 50 + 54.6	3X50	7	8.1	0.641	168	-	-	12.8	16.6	0.63	36	700
3 x 70 + 54.6	3X70	12	9.7	0.443	213	-	-	12.8	16.6	0.63	38	910
3 x 70 + 70	3X70	12	9.7	0.443	213	-	-	13.3	20.6	0.493	41	970
3 x 95 + 54.6	3X95	19	11.4	0.32	258	-	-	12.8	16.6	0.63	44	1160
3 x 95 + 70	3X95	19	11.4	0.32	258	-	-	13.3	20.6	0.493	44	1210
3 x 120 + 70	3X120	19	12.928	0.253	300	-	-	13.3	20.6	0.493	46	1420
3 x 150 + 95	3X150	30	14.241	0.206	344	-	-	16	27.9	0.363	48	1730
3 x 25 + 54.6 + 16	3X25	7	5.9	1.2	111	1X16	60	12.8	16.6	0.63	30	550
3 x 35 + 54.6 + 16	3X35	7	6.9	0.868	131	1X16	60	12.8	16.6	0.63	33	650
3 x 50 + 54.6 + 16	3X50	7	8.1	0.641	168	1X16	60	12.8	16.6	0.63	36	760
3 x 50 + 54.6 + 25	3X50	7	8.1	0.641	168	1X25	-	12.8	16.6	0.63	37	800
3 x 70 + 54.6 + 16	3X70	12	9.7	0.443	213	1X16	60	12.8	16.6	0.63	38	970
3 x 70 + 54.6 + 25	3X70	12	9.7	0.443	213	1X25	-	12.8	16.6	0.63	39	1010
3 x 70 + 70 + 16	3X70	12	9.7	0.443	213	1X16	60	13.3	20.6	0.493	41	1030
3 x 70 + 70 + 25	3X70	12	9.7	0.443	213	1X25	-	13.3	20.6	0.493	42	1060
3 x 95 + 54.6 + 16	3X95	19	11.4	0.32	258	1X16	60	12.8	16.6	0.63	44	1220
3 x 95 + 54.6 + 25	3X95	19	11.4	0.32	258	1X25	-	12.8	16.6	0.63	45	1250
3 x 95 + 70 + 16	3X95	19	11.4	0.32	258	1X16	60	13.3	20.6	0.493	44	1280
3 x 95 + 70 + 25	3X95	19	11.4	0.32	258	1X25	-	13.3	20.6	0.493	45	1310
3 x 120 + 70 + 16	3X120	19	12.928	0.253	300	1X16	60	13.3	20.6	0.493	46	1480
3 x 120 + 70 + 25	3X120	19	12.928	0.253	300	1X25	-	13.3	20.6	0.493	47	1520
3 x 120 + 95 + 25	3X120	19	12.928	0.253	300	1X25	-	16	27.9	0.363	48	1600
3 x 150 + 95 + 16	3X150	30	14.241	0.206	344	1X16	60	16	27.9	0.363	49	1800
3 x 150 + 95 + 25	3X150	30	14.241	0.206	344	1X25	-	16	27.9	0.363	50	1830
3 x 25 + 54.6 + 2x 16	3X25	7	5.9	1.2	111	2X16	-	12.8	16.6	0.63	30	610
3 x 35 + 54.6 + 2x 16	3X35	7	6.9	0.868	131	2X16	-	12.8	16.6	0.63	33	710
3 x 50 + 54.6 + 2x 16	3X50	7	8.1	0.641	168	2X16	-	12.8	16.6	0.63	36	830
3 x 50 + 54.6 + 2x 25	3X50	7	8.1	0.641	168	2X25	-	12.8	16.6	0.63	37	890
3 x 70 + 54.6 + 2x 16	3X70	12	9.7	0.443	213	2X16	-	12.8	16.6	0.63	38	1040
3 x 70 + 54.6 + 2x 25	3X70	12	9.7	0.443	213	2X25	-	12.8	16.6	0.63	40	1100
3 x 70 + 70 + 2x 16	3X70	12	9.7	0.443	213	2X16	-	13.3	20.6	0.493	41	1090
3 x 70 + 70 + 2x 25	3X70	12	9.7	0.443	213	2X25	-	13.3	20.6	0.493	43	1160
3 x 95 + 54.6 + 2x 16	3X95	19	11.4	0.32	258	2X16	-	12.8	16.6	0.63	40	1280
3 x 95 + 54.6 + 2x 25	3X95	19	11.4	0.32	258	2X25	-	12.8	16.6	0.63	42	1350
3 x 95 + 70 + 2x 16	3X95	19	11.4	0.32	258	2X16	-	13.3	20.6	0.493	44	1340
3 x 95 + 70 + 2x 25	3X95	19	11.4	0.32	258	2X25	-	13.3	20.6	0.493	46	1400
3 x 120 + 70 + 2x 16	3X120	19	12.928	0.253	300	2X16	-	13.3	20.6	0.493	46	1550
3 x 120 + 70 + 2x 25	3X120	19	12.928	0.253	300	2X25	-	13.3	20.6	0.493	48	1610
3 x 150 + 95 + 2x 16	3X150	30	14.241	0.206	344	2X16	-	16	27.9	0.363	48	1860
3 x 150 + 95 + 2x 25	3X150	30	14.241	0.206	344	2X25	-	16	27.9	0.363	50	1930

