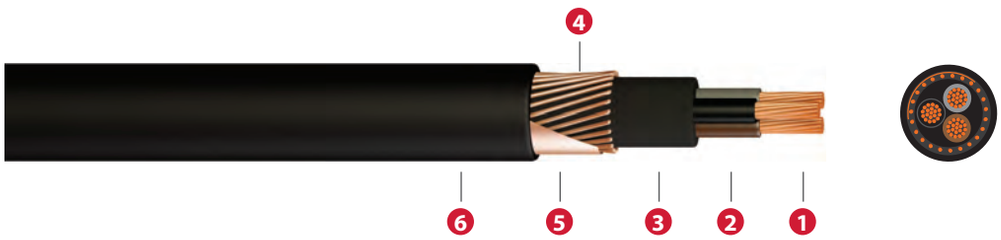
N2XCH

STANDARTLAR
STANDARDS
DIN VDE 0276-604
TS HD 604.S1

SERTİFİKALAR
CERTIFICATES
CE

XLPE İZOLELİ, HFFR KILIFLI, ZIRHLI, KONSANTRİK YER ALTI KABLOLARI
XLPE INSULATED, HFFR SHEATHED CABLES WITH CONCENTRIC COPPER CONDUCTOR



YAPISI / *CONSTRUCTION*

iletken / **conductor**

1 — **Som veya örgülü bakır**
Solid or stranded copper (Class 1 or Class 2)

izole / **insulation**

2 — XLPE — **Çapraz bağlı polietilen**
Cross linkable polyethylene

dolgu / **filler**

3 — HFFR — **Halojen içermeyen alev geciktiricili**
Halogen free flame retardant

zırh / **armour**

4 — COPPER — **Konsantrik bakır iletken**
Concentric copper conductor

bant / **tape**

5 — COPPER — **Bakır koruma bandı**
Protective copper tape

dış kılıf / **outer sheath**

6 — HFFR — **Halojen içermeyen alev geciktiricili**
Halogen free flame retardant

TEKNİK ÖZELLİKLER / *SPECIFICATIONS*

12 x D — **Min. bükülme yarı çapı**
Min. bending radius

90° — **Max. çalışma sıcaklığı**
Max. operating temperature

250° — **Max. kısa devre sıcaklığı**
Max. short circuit temperature

0.6/1 kV — **Beyan gerilimi Uo/U**
Rated voltage Uo/U

3.5 kV — **Deney gerilimi**
AC test voltage

Düşük duman yoğunluğu
Low smoke - IEC 61034

Halojensiz
Halogen free
IEC 60754 - EN 50267

Demet kablo düşey alev yayılma testi
Flame retardant test of bunched cables
IEC 60332-3-24 Cat. C

UYGULAMA ALANLARI / *APPLICATIONS*

Enerji kablosu olarak endüstri, şalt, yer altı tesisleri ve şehir şebekelerinde, yangın ve zehirli dumanın insanlara tehlike oluşturabileceği iş ve alışveriş merkezleri, oteller, tüneller, okullar ve bu gibi yerlerde kullanılır. Toprak altında ve harici kullanımda uygundur.
Indoor installation, outdoor and underground installation in ducts where better mechanical protection is required and places where the fire and toxic fumes can be a a threat such as malls, hotels, schools, tunnels etc.

TEKNİK VERİLER / *TECHNICAL DATA*

Cu/XLPE/HFFR/CWS/CT/HFFR

Nominal Kesit mm² *Nominal Cross Section mm²*	Yaklaşık Dış Çap mm *Overall Diameter mm approximately*	Yaklaşık Net Ağırlık kg/km *Net Weight kg/km approximately*	İletken Direnci Max. ohm/km(20°C) *Conductor DC Resistance at (20°C) max. ohm/km*	Akım Taşıma Kapasitesi *Current Carrying Capacity in*	
				Toprakta (A) *Ground (A)*	Havada (A) *Air (A)*
N2XCH (0,6/1 kV)					
3x1,5/15	13,0	217	12,1/12,1	21	25
3x2,5/2,5	13,9	264	7,41/7,41	28	33
3x4/4	14,9	337	4,61/4,61	36	44
3x6/6	16,0	432	3,08/3,08	44	56
3x10/10	19,6	655	1,83/1,83	58	78
3x16/10	22,0	880	1,15/1,83	75	99
3x25/16	24,8	1302	0,727/1,15	96	131
3x35/16	27,2	1622	0,524/1,15	115	162
3x50/25	30,2	2147	0,387/0,727	135	197
3x70/35	34,5	2956	0,268/0,524	167	251
3x95/50	39,4	4011	0,193/0,387	197	304
3x120/70	42,9	4942	0,153/0,268	223	353
3x150/70	47,2	6023	0,124/0,268	251	406
3x185/95	54,1	7599	0,0991/0,193	281	463
3x240/120	60,3	9747	0,0754/0,153	324	546
3x300/150	66,5	11991	0,0601/0,124	365	628
4x1,5/1,5	13,7	245	12,1/12,1	21	25
4x2,5/2,5	14,7	307	7,41/7,41	28	33
4x4/4	15,8	393	4,61/4,61	36	44
4x6/6	17,0	508	3,08/3,08	44	56
4x10/10	20,9	776	1,83/1,83	58	78
4x16/10	23,6	1063	1,15/1,83	75	99
4x25/16	26,7	1585	0,727/1,15	96	131
4x35/16	29,4	1997	0,524/1,15	115	162

RoHS'a uygundur.
RoHS Compliant

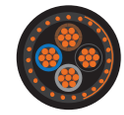
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TEKNİK VERİLER / *TECHNICAL DATA*

Cu/XLPE/HFFR/CWS/CT/HFFR

Nominal Kesit mm² *Nominal Cross Section mm²*	Yaklaşık Dış Çap mm *Overall Diameter mm approximately*	Yaklaşık Net Ağırlık kg/km *Net Weight kg/km approximately*	İletken Direnci Max. ohm/km(20°C) *Conductor DC Resistance at (20°C) max. ohm/km*	Akım Taşıma Kapasitesi *Current Carrying Capacity in*	
				Toprakta (A) *Ground (A)*	Havada (A) *Air (A)*
N2XCH (0,6/1 kV)					
4x50/25	32,9	2654	0,387/0,727	135	197
4x70/35	37,7	3686	0,268/0,524	167	251
4x95/50	43,4	5039	0,193/0,387	197	304
4x120/70	47,0	6159	0,153/0,268	223	353
4x150/70	51,9	7583	0,124/0,268	251	406
4x185/95	59,3	9499	0,0991/0,193	281	463
4x240/120	66,4	12240	0,0754/0,153	324	546
4x300/150	73,1	15068	0,0601/0,124	365	628
5x1,5/1,5	14,5	278	12,1/12,1	21	25
5x2,5/2,5	15,6	351	7,41/7,41	28	33
5x4/4	16,9	458	4,61/4,61	36	44
5x6/6	18,2	594	3,08/3,08	44	56
5x10/10	22,5	908	1,83/1,83	58	78
5x16/10	25,4	1236	1,15/1,83	75	99
5x25/16	28,9	1852	0,727/1,15	96	131
5x35/16	32,1	2359	0,524/1,15	115	162
5x50/25	36,0	3146	0,387/0,727	135	197
5x70/35	41,3	4377	0,268/0,524	167	251
5x95/50	47,7	5991	0,193/0,387	197	304
5x120/70	51,8	7340	0,153/0,268	223	353
5x150/70	57,2	9039	0,124/0,268	251	406
5x185/95	65,4	11324	0,0991/0,193	281	463
5x240/120	73,3	14596	0,0754/0,153	324	546
5x300/150	80,6	17978	0,0601/0,124	365	628
7x1,5/1,5	15,3	320	12,1/12,1	16	12
7x2,5/2,5	16,5	414	7,41/7,41	24	16
9x1,5/1,5	17,6	392	12,1/12,1	13	10
9x2,5/2,5	19,1	511	7,41/7,41	17	14
10x1,5/1,5	18,1	421	12,1/12,1	13	10
10x2,5/2,5	19,1	552	7,41/7,41	17	14
12x1,5/1,5	18,6	467	12,1/12,1	12	10
12x2,5/2,5	20,3	619	7,41/7,41	17	14
14x1,5/1,5	19,3	515	12,1/12,1	12	9
14x2,5/2,5	21,1	688	7,41/7,41	15	13
15x1,5/1,5	20,1	545	12,1/12,1	12	9
15x2,5/2,5	22,0	729	7,41/7,41	15	13
19x1,5/1,5	20,9	635	12,1/12,1	10	8
19x2,5/2,5	22,9	861	7,41/7,41	14	11
21x1,5/1,5	21,9	690	12,1/12,1	10	8
21x2,5/2,5	24,0	936	7,41/7,41	14	11
24x1,5/1,5	23,7	774	12,1/12,1	9	7
24x2,5/2,5	26,1	1054	7,41/7,41	12	10
27x1,5/1,5	24,2	837	12,1/12,1	9	7
27x2,5/2,5	26,6	1146	7,41/7,41	12	10
30x1,5/1,5	24,9	908	12,1/12,1	9	7
30x2,5/2,5	27,5	1250	7,41/7,41	11	9
40x1,5/1,5	27,5	1143	12,1/12,1	7	5
40x2,5/2,5	30,6	1592	7,41/7,41	9	7

RoHS'a uygundur.
RoHS Compliant