

N2XFGbH



- 1) Örgülü Bakır
Stranded Copper
- 2) XLPE izole
XLPE Insulation
- 3) HFFR Dolgu
HFFR Filler
- 4) Galvanizli Yassı Çelik Tel Zırh
Galvanized Flat Steel Wire Armour
- 5) Galvanizli Çelik Bant
Galvanized Steel Tape
- 6) HFFR Dış Kılıf
HFFR Outer Sheath

Re : Som Yuvarlak İletken
Re : Solid Single Round Conductor
Rm : Çok Tellli Yuvarlak İletken
Rm : Multi Wire Round Conductor



STANDARD
TS HD 604 S1

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	: 15xD
Anma gerilimi	: 0.6/1kV

KULLANIM ALANLARI

Yangın ve zehirli dumanın insanlara tehlike oluşturacağı yerlerde ve mekanik dayanım gerektiği durumlarda kullanılır. Toprak altında ve harici kullanıma uygundur.

TECHNICAL DATA

Permissible operating temperature	: 90 °C
Short circuit temperature	: 250 °C
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Installation temperature minimum	: 5°C
Minimum Bending Radius	: 15xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

It is used in places where mechanical strength is required and fire and toxic fumes will create hazard for people. Suitable for underground external use.



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



Som
Solid



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



Boru içinde
In conduit



Açıkta
Outdoor



Beton içinde
In concrete



Toprak altında
Direct buried



Endüstriyel tesisat
Industrial installations

TEKNİK ÖZELLİKLER TECHNICAL DATA

N2XFGbH

N2XFGbH (0.6/kV)

Nominal Kesit	Kablo Dış Çapı(Yaklaşık)	Akım Taşıma Kapasitesi		İletken DC Direnci (20°C)	Net Ağırlık (Yaklaşık)	Ambalaj miktarı	Ambalaj
		Havada	Toprakta				
Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm ²	mm	Air	Ground	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1X10 rm	12.60	77	89	1.83	370	1000	R 800
1X16 rm	13.62	102	115	1.15	464	1000	R 900
1X25 rm	15.35	138	148	0.727	603	1000	R 1000
1X35 rm	16.42	170	177	0.524	732	1000	R 1000
1X50 rm	17.95	207	209	0.387	893	1000	R 1100
1X70 rm	20.04	263	256	0.268	1177	1000	R 1200
1X95 rm	21.87	325	307	0.198	1466	1000	R 1300
1X120 rm	23.50	380	349	0.153	1747	1000	R 1400
1X150 rm	25.49	437	393	0.124	2087	1000	R 1500
1X185 rm	28.19	507	445	0.0991	2549	1000	R 1500
1X240 rm	31.04	604	517	0.0754	3178	1000	R 1700
1X300 rm	33.23	697	663	0.0601	3717	1000	R 800
2X10 rm	18.55	74	86	1.83	751	1000	R 900
2X16 rm	20.59	98	112	1.15	973	1000	R 1000
2X25 rm	24.06	133	145	0.727	1344	1000	R 1000
2X35 rm	26.20	162	174	0.524	1624	1000	R 1100
3X10 rm	19.01	74	86	1.83	855	1000	R 1200
3X16 rm	21.21	98	112	1.15	1123	1000	R 1400
3X25 rm	25.16	133	145	0.727	1582	1000	R 1500
3X35 rm	27.67	162	174	0.524	1952	1000	R 900
3X50 rm	31.17	197	206	0.387	2495	1000	R 1000
3X70 rm	35.86	250	254	0.268	3366	1000	R 1000
3X95 rm	40.02	308	305	0.198	4336	500	R 1100
3X120 rm	43.31	359	348	0.153	5244	500	R 1100
3X150 rm	48.41	412	392	0.124	6401	500	R 1300
3X185 rm	54.01	475	444	0.0991	7931	250	R 1500
3X240 rm	60.35	564	517	0.0754	10036	250	R 1500
3X50 rm	33.86	197	206	0.387	2967	1000	R 1700
3X70 rm	38.09	250	254	0.268	3822	1000	R 1800
3X95 rm	43.23	308	305	0.198	6618	500	R 1500
3X120 rm	46.48	359	348	0.153	7861	500	R 1600
3X150 rm	51.14	412	392	0.124	9601	250	R 1500
3X185 rm	56.68	475	444	0.0991	11902	250	R 1500
3X240 rm	62.66	564	517	0.0754	14970	250	R 1600

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Max. Operating temperature



Kısa devre sıcaklığı
Short circuit temperature



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Test Voltage
(AC) 4 kV



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minimum 5°C
Installation
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Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm ²	mm	Air	Ground	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
4X10 rm	20.4	74	86	1.83	997	1000	R 1100
4X16 rm	23.07	98	112	1.15	1333	1000	R 1300
4X25 rm	27.46	133	145	0.727	1886	1000	R 1500
4X35 rm	30.26	162	174	0.524	2374	1000	R 1500
4X50 rm	34.57	197	206	0.387	3070	1000	R 1700
4X70 rm	39.33	250	254	0.268	4141	1000	R 1800
4X95 rm	43.98	308	305	0.198	5354	500	R 1500
4X120 rm	48.24	359	348	0.153	6562	500	R 1700
4X150 rm	53.25	412	392	0.124	7949	500	R 1800
4X185 rm	59.91	475	444	0.0991	9909	250	R 1500
4X240 rm	66.73	564	517	0.0754	12552	250	R 1700
5x1.5 re	15.5	24	31	12.1	490	1000	R 900
5x2.5 re	16.6	32	40	7.41	580	1000	R 1000
5x4 re	17.8	42	52	4.61	710	1000	R 1000
5x6 re	19.2	53	64	3.08	850	1000	R 1100
5x10 rm	22.4	74	86	1.83	1160	1000	R 1200
5x16 rm	25.1	98	112	1.15	1550	1000	R 1300
5x25 rm	30	133	145	0.727	2230	1000	R 1500
5x35 rm	33.1	162	174	0.524	2820	1000	R 1600
5x50 rm	38	197	206	0.387	3690	1000	R 1700
5x70 rm	43.5	250	254	0.268	5000	500	R 1500
5x95 rm	49.3	308	305	0.198	6580	500	R 1600
5x120 rm	53.4	359	348	0.153	8010	500	R 1800
5x150 rm	59.65	412	392	0.124	9760	250	R 1500
5x185 rm	66.7	475	444	0.0991	12030	250	R 1600
5x240 rm	75	564	517	0.0754	15450	250	R 1700
3X16+10 rm	22.69	98	112	1.15/1.83	1242	1000	R 1200
3X25+16 rm	26.46	133	145	0.727/1.15	1738	1000	R 1400
3X35+16 rm	28.4	162	174	0.524/1.15	2102	1000	R 1500
3X50+25 rm	32.23	197	206	0.387/0.727	2729	1000	R 1600
3X70+35 rm	36.91	250	254	0.268/0.524	3674	1000	R 1800
3X95+50 rm	41.37	308	305	0.193/0.387	4783	500	R 1500
3X120+70 rm	45.91	359	348	0.153/0.268	5979	500	R 1600
3X150+70 rm	49.72	412	392	0.124/0.268	6987	500	R 1700
3X185+95 rm	55.57	475	444	0.0991/0.193	8743	250	R 1500
3X240+120 rm	61.85	564	517	0.754/0.153	11063	250	R 1500