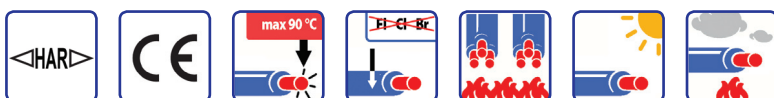


H07ZZ-F



Primena: Kabl se koristi kod instalacija unutar objekata i na otvorenom. Specifično dizajniran za primenu u objektima, gde je u slučaju požara dozvoljena minimalna emisija toksičnih gasova.

Application: These cables are used for installation inside of buildings and in free air. Particularly designed for applications, where in the case of fire only small quantities of smoke and corrosive gases are allowed.

Materijal provodnika:	bakar
Konstrukcija provodnika:	klasa 5
Izolacija:	guma EI8
Materijal plašta:	guma (EPR) EM8
Otpornost na plamen:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)
Gustina dima:	DIN EN 61034/IEC 61034
Bez halogena:	DIN EN 50267/IEC 60754
Maksimalna temperatura u provodniku:	90 °C
Maksimalna temperatura tokom rada:	-40 - +70 °C
Dozvoljena temperatura tokom poleganja:	-5 - +70 °C
Nominalni naponski nivo U ₀ :	450 V
Nominalni naponski nivo U:	750 V
Obeležavanje žila:	boje po VDE 0293 (HD 308); više od 5 žila: žuto-zelena + brojevi

Conductor material:	bare copper
Conductor construction:	fine stranded, class 5
Insulation:	rubber EI8
Sheathing material:	rubber (EPR) EM8
Flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)
Smoke density:	DIN EN 61034/IEC 61034
Halogen free:	DIN EN 50267/IEC 60754
Maximum temperature at conductor:	90 °C
max. operating temperature, fixed:	-40 - +70 °C
Temperature, moved/during installation:	-5 - +70 °C
Nominal voltage U ₀ :	450 V
Nominal voltage U:	750 V
Core identification:	colours acc. VDE 0293 (HD 308); more than 5 cores: green-yellow + numbers

H07ZZ-F

Naziv kabla	Presek	Boja	OP	SOS	Da	MKO	CU	T
Cable name	Cross section	Color	Ω/km	A	mm	N	kg/km	kg/km
H07ZZ-F	01X1,5	crna / black	13,7	24	6,8	22	14,4	58
H07ZZ-F	01X2,5	crna / black	8,21	32	7,6	37	24	71
H07ZZ-F	01X4	crna / black	5,09	42	8,7	60	38	100
H07ZZ-F	01X6	crna / black	3,39	54	9,7	90	58	130
H07ZZ-F	01X10	crna / black	1,91	73	11,8	150	96	230
H07ZZ-F	01X16	crna / black	1,21	98	13,2	240	154	290
H07ZZ-F	01X25	crna / black	0,78	125	15,8	375	240	420
H07ZZ-F	01X35	crna / black	0,554	158	17,9	525	336	530

Naziv kabela	Presek	Boja	OP	SOS	Da	MKO	CU	T
Cable name	Cross section	Color	Ω/km	A	mm	N	kg/km	kg/km
H07ZZ-F	01X50	crna / black	0,386	198	20,5	750	480	750
H07ZZ-F	01X70	crna / black	0,272	245	23,3	1050	672	960
H07ZZ-F	01X95	crna / black	0,206	292	25,9	1425	912	1250
H07ZZ-F	01X120	crna / black	0,161	344	28,6	1800	1152	1560
H07ZZ-F	01X150	crna / black	0,129	391	31,4	2250	1440	1900
H07ZZ-F	01X185	crna / black	0,106	448	34,4	2775	1776	2300
H07ZZ-F	01X240	crna / black	0,0801	528	38,3	3600	2304	2950
H07ZZ-F	01X300	crna / black	0,0641	608	40,2	4500	2880	3600
H07ZZ-F	01X400	crna / black	0,0486	726	44,9	6000	3840	4600
H07ZZ-F	01X500	crna / black	0,0384	830	49,8	7500	4800	6000
H07ZZ-F	02X1	crna / black	20	15	9,2	30	19	95
H07ZZ-F	02X1,5	crna / black	13,7	18	10,2	45	29	119
H07ZZ-F	02X2,5	crna / black	8,21	26	12,2	75	48	172
H07ZZ-F	02X4	crna / black	5,09	34	14,2	120	77	239
H07ZZ-F	02X6	crna / black	3,39	44	15,8	180	115	319
H07ZZ-F	02X10	crna / black	1,91	61	21,3	300	192	572
H07ZZ-F	02X16	crna / black	1,21	82	24,5	480	307	767
H07ZZ-F	02X25	crna / black	0,78	108	29,2	750	480	1154
H07ZZ-F	03G1	crna / black	20	15	10,1	45	29	115
H07ZZ-F	03G1,5	crna / black	13,7	18	11,9	67	43	144
H07ZZ-F	03G2,5	crna / black	8,21	26	14	112	72	211
H07ZZ-F	03G4	crna / black	5,09	34	16,2	180	115	290
H07ZZ-F	03G6	crna / black	3,39	44	17,9	270	173	391
H07ZZ-F	03G10	crna / black	1,91	61	24,1	450	288	706
H07ZZ-F	03G16	crna / black	1,21	82	27,5	720	461	961
H07ZZ-F	03G25	crna / black	0,78	108	32,9	1125	720	1438
H07ZZ-F	03G35	crna / black	0,554	135	37,1	1575	1008	1814
H07ZZ-F	03G50	crna / black	0,386	168	42,9	2250	1440	2550
H07ZZ-F	03G70	crna / black	0,272	207	48,3	3150	2016	3210
H07ZZ-F	03G95	crna / black	0,206	250	53,9	4275	2736	4423
H07ZZ-F	03G120	crna / black	0,161	292	59,8	5400	3456	5405
H07ZZ-F	03G150	crna / black	0,129	335	65,7	6750	4320	6725
H07ZZ-F	03G185	crna / black	0,106	382	71,9	8325	5328	8222
H07ZZ-F	03G240	crna / black	0,0801	453	81,8	10800	6192	10224
H07ZZ-F	03G300	crna / black	0,0641	523	89,8	13500	8640	12620
H07ZZ-F	04G1	crna / black	20	15	11,1	60	38	141
H07ZZ-F	04G1,5	crna / black	13,7	18	12,9	90	58	176
H07ZZ-F	04G2,5	crna / black	8,21	26	15,3	150	96	235
H07ZZ-F	04G4	crna / black	5,09	34	17,7	240	154	365
H07ZZ-F	04G6	crna / black	3,39	44	19,8	360	230	501
H07ZZ-F	04G10	crna / black	1,91	61	26,5	600	384	872
H07ZZ-F	04G16	crna / black	1,21	82	30,1	960	614	1194
H07ZZ-F	04G25	crna / black	0,78	108	36,6	1500	960	1822
H07ZZ-F	04G35	crna / black	0,554	135	41,1	2100	1344	2307
H07ZZ-F	04G50	crna / black	0,386	168	47,5	3000	1920	3253
H07ZZ-F	04G70	crna / black	0,272	207	53,8	4200	2688	4130








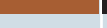








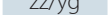
Naziv kabla	Presek	Boja	OP	SOS	Da	MKO	CU	T
Cable name	Cross section	Color	Ω/km	A	mm	N	kg/km	kg/km
H07ZZ-F	04G95	crna / black	0,206	250	60,9	5700	3648	5720
H07ZZ-F	04G120	crna / black	0,161	292	65,8	7200	4608	6965
H07ZZ-F	04G150	crna / black	0,129	335	72,7	9000	5760	8644
H07ZZ-F	04G185	crna / black	0,106	382	80,1	11100	7104	10598
H07ZZ-F	04G240	crna / black	0,0801	453	86,4	14400	9216	12100
H07ZZ-F	04G300	crna / black	0,0641	523	96,5	18000	11520	15200
H07ZZ-F	05G1	crna / black	20	15	12,2	75	48	170
H07ZZ-F	05G1,5	crna / black	13,7	18	14,2	112	72	214
H07ZZ-F	05G2,5	crna / black	8,21	26	16,9	187	120	316
H07ZZ-F	05G4	crna / black	5,09	34	19,8	300	192	448
H07ZZ-F	05G6	crna / black	3,39	44	22,1	450	288	607
H07ZZ-F	05G10	crna / black	1,91	61	29,1	750	480	1075
H07ZZ-F	05G16	crna / black	1,21	82	33,3	1200	768	1480
H07ZZ-F	05G25	crna / black	0,78	108	38,4	1875	1200	2255
H07ZZ-F	05G35	crna / black	0,554	135	37	2526	1680	2700
H07ZZ-F	06G1,5	crna / black	13,7	18	16,2	135	84	287
H07ZZ-F	06G2,5	crna / black	8,21	26	19,1	225	144	420
H07ZZ-F	06G4	crna / black	5,09	34	22,1	360	230	583
H07ZZ-F	07G1,5	crna / black	13,7	18	19,1	157	101	303
H07ZZ-F	07G2,5	crna / black	8,21	26	21,5	262	168	448
H07ZZ-F	07G4	crna / black	5,09	34	38,4	420	269	697
H07ZZ-F	12G1,5	crna / black	13,7	18	22,4	270	173	496
H07ZZ-F	12G2,5	crna / black	8,21	26	26,2	450	288	724
H07ZZ-F	12G4	crna / black	5,09	34	30,9	720	461	1042
H07ZZ-F	14G2,5	crna / black	8,21	26	25	525	336	860
H07ZZ-F	18G1,5	crna / black	13,7	18	26,3	405	259	702
H07ZZ-F	18G2,5	crna / black	8,21	26	29,3	675	432	1045
H07ZZ-F	18G4	crna / black	5,09	34	36,4	1080	691	1430
H07ZZ-F	24G1,5	crna / black	13,7	18	30,7	540	346	935
H07ZZ-F	24G2,5	crna / black	8,21	26	34,6	900	576	1325
H07ZZ-F	27G1,5	crna / black	13,7	18		607	389	975
H07ZZ-F	27G2,5	crna / black	8,21	26		1012	648	1375
H07ZZ-F	36G1,5	crna / black	13,7	18	35,2	810	518	1297
H07ZZ-F	36G2,5	crna / black	8,21	26	41,8	1350	864	1949
H07ZZ-F	37G1,5	crna / black	13,7	18	36,2	832	533	1317
H07ZZ-F	52G1,5	crna / black	13,7	18	43,1	1170	749	1766

Objašnjenje oznaka

OP Otpor provodnika
SOS Strujna opteretljivost (spolja)
Da Spoljni dijametar
MKO Momenat kidanja prilikom poleganja
Cu Težina bakra u kablju
T Ukupna težina kabla

Labels explanation

OP Conductor resistance
SOS Ampacity (in air)
Da Outer diameter
MKO Tensile strength (during installation)
Cu Copper weight
T Total weight

Indentifikacija žila		H07ZZ-F			
Core identification					
žile	Boje				
cores	Colors				
1		žz/yg			
2					
3					
4					
5					
5+		+ obeležavanje brojevima			
		+ numbering			

Objašnjenje boja

žz žuto-zelena
cr crna
pl plava
br braon
si siva

Color explanation

yg yellow-green
bc black
bl blue
bw brown
gr gray

