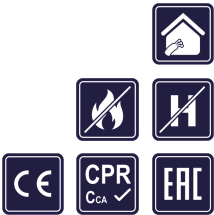




USE OF CABLE

halogen-free and environmentally power, control and connecting cable in electrical facilities, in fire vulnerable areas and facilities with high concentration of people and property values, for fixed laying and flexible applications without tensile stress and without defined cable routing. Suitable for use in dry and humid rooms. Outdoor use only with UV-protection, no laying underground.



SPECIAL FEATURES

- FRNC (Flame Retardant, Non Corrosive)
- LSF 0H (Low smoke in fume, zero halogen)
- improved behaviour in case of fire (acc. to IEC 60332-3-25 Cat. A)

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- LABS-/silicone-free (during production)

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to IEC 60228 cl. 5
Core insulation:	Special halogen-free compound
Core identification:	Acc. to DIN VDE 0293 black cores with white numerals; G = GNYE
Stranding:	Stranded in layers
Outer sheath:	Special halogen-free compound
Sheath colour:	Grey, RAL 7001
Rated voltage:	Uo/U: 300/500 V
Testing voltage:	3 kV
Conductor resistance:	Acc. to IEC 60228 cl. 5
Insulation resistance:	Min. 20 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, see technical Guidelines
Min. bending radius fixed:	4 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	-40 °C / +70 °C
Operat. temp. moved min/max:	-15 °C / +70 °C
Halogen free:	Acc. to IEC 60754-1
Smoke density:	Acc. to IEC 61034-2
Corrodibility:	Acc. to IEC 60754-2
Burning behavior:	Halogen-free and flame-retardant acc. to IEC 60332-1-2 and IEC 60332-3-24 Cat. C resp. IEC 60332-3-25 Cat. A
Standard:	Similar to EN 50525-2-51

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005680	2 X 0,5	5,0	9,60	34,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005681	3 G 0,5	5,3	14,40	41,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005682	3 X 0,5	5,3	14,40	41,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005683	4 G 0,5	5,7	19,20	50,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005684	4 X 0,5	5,7	19,20	50,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005685	5 G 0,5	6,3	24,00	63,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005686	5 X 0,5	6,3	24,00	63,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005687	7 G 0,5	6,8	33,60	78,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005688	7 X 0,5	6,8	33,60	78,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005689	12 G 0,5	9,1	57,60	139,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005691	18 G 0,5	10,8	86,40	199,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005692	25 G 0,5	12,5	120,00	269,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005693	34 G 0,5	14,9	163,00	377,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca

FLAME-JZ/OZ-H FRNC - Cca

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005694	2 X 0,75	5,4	14,40	42,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005695	3 G 0,75	5,7	21,60	51,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005696	3 X 0,75	5,7	21,60	51,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005697	4 G 0,75	6,2	28,80	66,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005698	4 X 0,75	6,2	28,80	66,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005699	5 G 0,75	6,8	36,00	80,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005700	5 X 0,75	6,8	36,00	80,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005701	7 G 0,75	7,6	50,40	104,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005702	7 X 0,75	7,6	50,40	104,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005703	12 G 0,75	9,9	86,40	177,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005704	18 G 0,75	12,0	130,00	261,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005705	25 G 0,75	13,9	180,00	354,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005706	34 G 0,75	16,5	245,00	493,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005707	2 X 1	5,7	19,20	50,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005708	3 G 1	6,1	28,80	64,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005709	3 X 1	6,1	28,80	64,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005710	4 G 1	6,6	38,40	78,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005711	4 X 1	6,6	38,40	78,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005712	5 G 1	7,2	48,00	95,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005713	5 X 1	7,2	48,00	95,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005714	7 G 1	8,0	67,20	124,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005715	7 X 1	8,0	67,20	124,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005716	12 G 1	10,7	115,00	209,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005717	18 G 1	12,7	173,00	313,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005718	25 G 1	14,9	240,00	433,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005719	34 G 1	17,7	326,00	601,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005720	2 X 1,5	6,3	28,80	67,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005721	3 G 1,5	6,7	43,20	83,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005722	3 X 1,5	6,7	43,20	83,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005723	4 G 1,5	7,5	57,60	107,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005724	4 X 1,5	7,5	57,60	107,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005725	5 G 1,5	8,2	72,00	131,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005726	5 X 1,5	8,2	72,00	131,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005727	7 G 1,5	9,1	101,00	170,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005728	7 X 1,5	9,1	101,00	170,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005729	12 G 1,5	12,1	173,00	297,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005730	18 G 1,5	14,4	259,00	428,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005731	25 G 1,5	16,8	360,00	590,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005732	34 G 1,5	20,0	490,00	817,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005733	2 X 2,5	7,7	48,00	104,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005734	3 G 2,5	8,2	72,00	130,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005735	3 X 2,5	8,2	72,00	130,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005736	4 G 2,5	9,1	96,00	166,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1005737	5 G 2,5	10,0	120,00	204,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005738	7 G 2,5	11,1	168,00	265,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005739	12 G 2,5	15,0	288,00	470,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005740	18 G 2,5	17,9	432,00	687,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005741	25 G 2,5	20,9	600,00	943,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005742	34 G 2,5	24,9	816,00	1312,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005743	2 X 4	9,2	77,00	153,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005744	3 G 4	9,7	115,00	194,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005745	4 G 4	10,9	154,00	248,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005746	5 G 4	12,1	192,00	310,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005747	7 G 4	13,4	269,00	404,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005748	2 X 6	10,8	115,00	220,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005749	3 G 6	11,5	173,00	220,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005750	4 G 6	12,8	230,00	358,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005751	5 G 6	14,3	288,00	448,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005752	7 G 6	15,9	403,00	584,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005754	3 G 10	14,7	288,00	452,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005755	4 G 10	16,3	384,00	585,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005756	5 G 10	18,2	480,00	730,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005757	7 G 10	20,0	672,00	952,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005758	3 G 16	17,0	461,00	669,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005759	4 G 16	18,8	614,00	866,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005760	5 G 16	21,2	768,00	1079,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005761	7 G 16	23,6	1075,00	1424,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005762	4 G 25	23,7	960,00	1345,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005763	5 G 25	26,6	1200,00	1687,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005764	4 G 35	26,9	1344,00	1812,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005765	5 G 35	30,2	1680,00	2270,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca
1005767	4 G 50	32,7	1920,00	2746,00	grey	V0: FLAME-JZ/OZ-H FRNC Cca