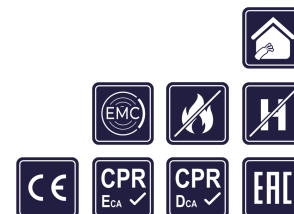




USE OF CABLE

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

- LABS-free (during production)
- FRNC (Flame Retardant, Non Corrosive)
- LSF 0H (Low smoke in fume, zero halogen)
- recommended for EMC-applications

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- also available: FLAME-JZ-HCHö FRNC with increased resistance to oil
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

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 with GNYE from 3 cores
Stranding:	Stranded in layers
Shield3:	Copper braid tinned; coverage approx. 85 %
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:	6 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	-40 °C / +70 °C
Operat. temp. moved min/max:	- 5 °C / +70 °C
Halogen free:	Halogen-free acc. to IEC 60754-1
Smoke density:	Acc. to IEC 61034-1 and 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 Kat. C
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
1003616	2 X 0,5	5,7	36,00	44,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002754	3 G 0,5	6,0	43,00	52,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002755	4 G 0,5	6,3	49,00	62,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003990	4 X 0,5	6,3	49,00	62,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002126	5 G 0,5	7,0	57,00	75,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002923	7 G 0,5	7,5	69,00	98,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003617	12 G 0,5	9,9	104,00	160,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003086	18 G 0,5	11,5	141,00	222,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003618	25 G 0,5	13,4	211,00	311,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003394	34 G 0,5	15,4	287,00	398,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003395	42 G 0,5	17,0	360,00	450,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002753	2 X 0,75	6,0	43,00	58,00	grey	V0: FLAME-JZ/OZ-CH FRNC

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1002872	3 G 0,75	6,3	52,00	68,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003188	4 G 0,75	7,0	61,00	78,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002848	5 G 0,75	7,5	72,00	97,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003027	7 G 0,75	8,3	89,00	129,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003619	12 G 0,75	10,6	138,00	203,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003061	18 G 0,75	12,7	211,00	290,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003229	25 G 0,75	14,8	280,00	413,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1004106	34 G 0,75	16,7	370,00	510,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003177	2 X 1	6,3	51,00	66,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002832	3 G 1	6,8	62,00	80,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1005331	4 X 1	8,9	74,00	100,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003204	4 G 1	7,3	74,00	100,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1001822	5 G 1	8,0	88,00	130,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1001845	7 G 1	8,7	112,00	155,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1004105	10 G 1	11,1	158,00	216,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002968	12 G 1	11,4	185,00	245,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003620	18 G 1	13,6	268,00	368,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003621	25 G 1	15,9	354,00	493,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003518	2 X 1,5	7,0	65,00	88,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1001696	3 G 1,5	7,3	82,00	99,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1000656	4 G 1,5	8,2	100,00	125,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003622	5 G 1,5	8,9	119,00	158,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1001101	6 G 1,5	9,6	136,00	160,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003192	7 G 1,5	9,8	154,00	210,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1001104	8 G 1,5	11,2	191,00	215,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1001106	10 G 1,5	12,1	215,00	255,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003194	12 G 1,5	12,8	268,00	340,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003623	18 G 1,5	15,4	373,00	480,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003624	25 G 1,5	17,7	530,00	668,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003121	2 X 2,5	8,3	96,00	121,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003024	3 G 2,5	8,9	118,00	157,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002672	4 G 2,5	9,9	147,00	196,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003258	5 G 2,5	10,8	176,00	235,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003625	7 G 2,5	11,9	253,00	311,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003626	12 G 2,5	16,0	385,00	500,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003191	3 G 4	10,5	178,00	222,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002480	4 G 4	11,6	248,00	291,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002924	5 G 4	12,9	269,00	361,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003627	7 G 4	14,4	371,00	468,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003628	3 G 6	12,3	240,00	318,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003115	4 G 6	13,8	343,00	437,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1000657	5 G 6	15,4	441,00	510,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003629	7 G 6	17,0	510,00	670,00	grey	V0: FLAME-JZ/OZ-CH FRNC

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1003630	3 G 10	15,6	350,00	495,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1002590	4 G 10	17,5	535,00	685,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003631	5 G 10	19,9	592,00	824,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003632	7 G 10	21,4	820,00	1200,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003117	4 G 16	20,7	800,00	972,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003633	5 G 16	23,2	1050,00	1293,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003634	7 G 16	24,8	1470,00	1730,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003114	4 G 25	26,5	1075,00	1591,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003635	5 G 25	28,8	1446,00	1971,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003072	4 G 35	29,8	1690,00	2264,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003636	5 G 35	33,5	1930,00	2837,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003637	4 G 50	35,9	2315,00	3162,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003638	5 G 50	40,0	2694,00	4122,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003639	4 G 70	41,0	3020,00	4259,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003640	5 G 70	46,3	3696,00	5861,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003641	4 G 95	48,9	4013,00	6270,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003642	5 G 95	53,0	5016,00	7840,00	grey	V0: FLAME-JZ/OZ-CH FRNC
1003643	4 G 120	54,0	5067,00	7981,00	grey	V0: FLAME-JZ/OZ-CH FRNC