

XL HFFR INSULATED SINGLE CORE FLEXIBLE WIRE

H05Z-K / H07Z-K HALOGEN FREE WIRE



CONDUCTOR

Flexible wires with fine stranded copper conductor, CLASS 5 EN 60228, IEC60228

VOLTAGE RATING

H05Z-K : 300/500V
H07Z-K : 450/750V

INSULATION

XL HFFR insulation
Flame retardant according to IEC 60332-1-2

OPERATING TEMPERATURE

90°C

INSULATION COLOR

Black; Other colors on request

SHORT CIRCUIT TEMPERATURE

250°C (max. 5 sn.)

APPLICATION

Used in places where human population is high and there is a risk of fire. They do not conduct flame during fire and do not create high smoke density.

STANDARDS

TS EN 50525-3-41 -BS 7211

Type	No. of Cores x Nominal Cross Sectional Area	Overall Diameter Approx.	Net Weight Approx.	Max Resistance At 20°C	Current Carrying Capacity		Standard Length
					In Ground at 20°C	In Air at 30°C	
	n x mm ²	mm	kg/km	Ω/km	A	A	mtr
H05Z-K	1 x 0.50	2.17	9	39.00	-	12	100
H05Z-K	1 x 0.75	2.26	11	26.00	-	15	100
H05Z-K	1 x 1.00	2.52	14	19.50	11	18	100
H07Z-K	1 x 1.50	2.90	19	13.30	15	24	100
H07Z-K	1 x 2.50	3.47	30	7.98	20	32	100
H07Z-K	1 x 4.00	4.04	44	4.95	25	42	100
H07Z-K	1 x 6.00	4.60	63	3.30	33	54	100
H07Z-K	1 x 10.0	6.05	107	1.91	45	73	100
H07Z-K	1 x 16.0	7.34	163	1.21	61	98	100
H07Z-K	1 x 25.0	9.19	253	0.78	80	129	100
H07Z-K	1 x 35.0	10.34	342	0.554	103	158	-
H07Z-K	1 x 50.0	12.45	495	0.386	120	198	-
H07Z-K	1 x 70.0	14.36	681	0.272	152	245	-
H07Z-K	1 x 95.0	16.53	937	0.206	184	292	-
H07Z-K	1 x 120.0	19.15	1180	0.161	212	344	-
H07Z-K	1 x 150.0	21.00	1531	0.129	-	391	-
H07Z-K	1 x 185.0	22.70	1465	0.106	-	448	-
H07Z-K	1 x 240.0	26.15	2417	0.0801	-	528	-