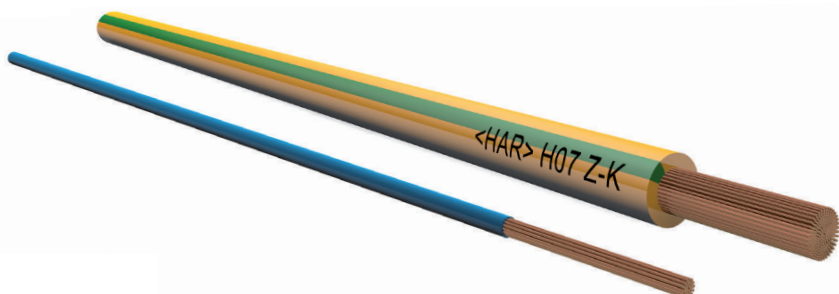
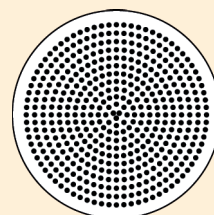


H05 Z-K / H07 Z-K

LSOH wires

RoHS

CROSS SECTION



Acc. to VDE 0285-525-2-31

APPLICATION

Halogen-free core cables with enhanced fire properties are designed for use in dry rooms, for wiring lights, appliances, switchgears and distribution boards, in buildings with high concentrations of people and material assets, as well as in vehicles. They can be used for the internal wiring of appliances, switchgears and distribution boards and for shielded installation in and on lights. DIN VDE 0298 part 3 applies with regard to the general requirements.

STRUCTURE

Conductor	Copper conductor, bare, flexible according to DIN VDE 0295 cl. 5 and IEC 60228 cl. 5, HD 383
Cores	Cross-linked, halogen-free polyolefin insulation, E15 compound according to DIN VDE 0207 part 21
Outer sheath	Halogen-free polyolefin compound E14, coloured

TECHNICAL DATA

Nominal voltage	300 V/450 V 500 V/750 V
Test voltage	2500V
Conductor resistance	According to DIN VDE 0295 cl. 5
Temperature range	-40°C to +90°C
Operating temperature	On the conductor +90°C
Min. bending radius	8 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B according to VDE 0472 part 804 and IEC 60332-1
Ozone resistance	HD 505.2.1 and 811
Smoke density	HD 606 and IEC 601034-1, 601034-2 and BS 7622 part 1+2

SPECIAL FEATURES

Properties
Flame retardant
Halogen free
Minimal smoke density

Product description	Colour	Cu-Gewicht	Outer Ø (mm)	Weight (kg/km)	Product number	Colour code	
H05 ZK 0.5	Black	4.8	2.6	10	1043001	-100	
	Green/yellow	4.8	2.6	10	1043001	-101	
	White	4.8	2.6	10	1043001	-102	
	Red	4.8	2.6	10	1043001	-103	
	Light blue RAL5015	4.8	2.6	10	1043001	-104	
	Brown	4.8	2.6	10	1043001	-105	
	Grey	4.8	2.6	10	1043001	-106	
	Dark blue RAL5010	4.8	2.6	10	1043001	-109	
	Yellow	4.8	2.6	10	1043001	-110	
	H05 ZK 0.75	Black	7.2	2.8	12	1043020	-100
Green/yellow		7.2	2.8	12	1043020	-101	
White		7.2	2.8	12	1043020	-102	
Red		7.2	2.8	12	1043020	-103	
Light blue RAL5015		7.2	2.8	12	1043020	-104	
Brown		7.2	2.8	12	1043020	-105	
Grey		7.2	2.8	12	1043020	-106	
Violet		7.2	2.8	12	1043020	-107	
Orange		7.2	2.8	12	1043020	-108	
Dark blue RAL5010		7.2	2.8	12	1043020	-109	
Yellow		7.2	2.8	12	1043020	-110	
H05 ZK 1.0		Black	9.6	3.5	25	1044100	-100
	Green/yellow	9.6	3.5	25	1044100	-101	
	White	9.6	3.5	25	1044100	-102	
	Red	9.6	3.5	25	1044100	-103	
	Light blue RAL5015	9.6	3.5	25	1044100	-104	
	Brown	9.6	3.5	25	1044100	-105	
	Grey	9.6	3.5	25	1044100	-106	
	Violet	9.6	3.5	25	1044100	-107	
	Orange	9.6	3.5	25	1044100	-108	
	Dark blue RAL5010	9.6	3.5	25	1044100	-109	
	Yellow	9.6	3.5	25	1044100	-110	
	H07 ZK 1.5	Black	14.4	4.3	36	1044120	-100
Green/yellow		14.4	4.3	36	1044120	-101	
White		14.4	4.3	36	1044120	-102	
Red		14.4	4.3	36	1044120	-103	
Light blue RAL5015		14.4	4.3	36	1044120	-104	
Brown		14.4	4.3	36	1044120	-105	
Grey		14.4	4.3	36	1044120	-106	
Dark blue RAL5010		14.4	4.3	36	1044120	-109	
H07 ZK 2.5		Black	24.0	4.9	52	1044140	-100
		Green/yellow	24.0	4.9	52	1044140	-101
	White	24.0	4.9	52	1044140	-102	
	Red	24.0	4.9	52	1044140	-103	
	Light blue RAL5015	24.0	4.9	52	1044140	-104	
	Brown	24.0	4.9	52	1044140	-105	
	Grey	24.0	4.9	52	1044140	-106	
	Dark blue RAL5010	24.0	4.9	52	1044140	-109	
	H07 ZK 4.0	Black	38.4	5.5	69	1044160	-100
Green/yellow		38.4	5.5	69	1044160	-101	
Red		38.4	5.5	69	1044160	-103	
Light blue RAL5015		38.4	5.5	69	1044160	-104	
Brown		38.4	5.5	69	1044160	-105	
H07 ZK 6.0	Black	58.0	7.1	120	1044180	-100	
	Green/yellow	58.0	7.1	120	1044180	-101	
	Red	58.0	7.1	120	1044180	-103	
	Light blue RAL5015	58.0	7.1	120	1044180	-104	
	Brown	58.0	7.1	120	1044180	-105	
H07 ZK 10.0	Black	96.0	8.4	180	1044200	-100	
	Green/yellow	96.0	8.4	180	1044200	-101	
	Light blue RAL5015	96.0	8.4	180	1044200	-104	
	Brown	96.0	8.4	180	1044200	-105	
H07 ZK 16.0	Black	154.0	10.6	280	1044220	-100	
	Green/yellow	154.0	10.6	280	1044220	-101	
	Light blue RAL5015	154.0	10.6	280	1044220	-104	
	Brown	154.0	10.6	280	1044220	-105	

Product description	Colour	Cu-Gewicht	Outer Ø (mm)	Weight (kg/km)	Product number	Colour code
		240.0				
H07 ZK 25.0	Black	240.0	12.1	380	1044240	-100
	Green/yellow		12.1	380	1044240	-101
		336.0				
H07 ZK 35.0	Black	336.0	14.4	560	1044260	-100
	Green/yellow		14.4	560	1044260	-101
		480.0				
H07 ZK 50.0	Black	480.0	16.6	780	1044280	-100
	Green/yellow		16.6	780	1044280	-101
		672.0				
H07 ZK 70.0	Black	672.0	18.8	1000	1044300	-100
	Green/yellow		18.8	1000	1044300	-101
		912.0				
H07 ZK 95.0	Black	912.0	20.9	1300	1044320	-100
	Green/yellow		20.9	1300	1044320	-101
		1152.0				
H07 ZK 120.0	Black	1152.0	23.3	1600	1044340	-100
	Green/yellow		23.3	1600	1044340	-101
		1440.0				
H07 ZK 150.0	Black	1440.0	25.8	2000	1044360	-100
	Green/yellow		25.8	2000	1044360	-101
		1776.0				
H07 ZK 185.0	Black	1776.0	29.4	2600	1044380	-100
	Green/yellow	1776.0	29.4	2600	1044380	-101

