

ANYFLEX-LSZH-H05Z1-K/H07Z1-K

Halogen free single core electric wire



应用

- The halogen-free single-core wire for wiring of lighting devices that must be protected from fire by damage. Can be connected to lights, equipment, switch cabinets, distribution boxes, etc. When the wire is used in rail vehicles, it can carry a 900V DC voltage to ground. When used as internal wiring of switchboards and power distribution devices, the DC voltage to ground can reach 750V and the rated AC voltage is 1000V.
- No toxic substances, no corrosive substances, no hydrogen chloride is released, thus avoiding such hazards
- Special oil resistance, chemical resistance, ozone resistance, small bending radius, flame retardancy
- Low smoke does not produce toxic substances during combustion, ensuring maximum life safety of personnel
- No harmful substances, RoHS compliant

结构

- Compliant with VDE0295 / IEC228 Class 5, stranded
- fine stranded copper wire conductor
- LSZH (Low Smoke Zero Halogen) insulation layer according to DIN VDE 0282
- Operating Voltage:
 - 1.0mm² and below: 300 / 500V
 - 1.5mm² and above: 450 / 750V
- Minimum bending radius: 5x cable outer diameter
- Operating temperature range: -5 °C to + 90 °C
- Radiation resistance: up to 20 × 10⁶ cJ / kg

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Item No.	Cores+section mm ²	Wire No./mm No./mm	thickness mm	O.D. mm	Cable weight kg/km
H05Z1-K 300/500V					
005H05Z1K0005S16	0.5	16/0.20	0.6	2.12	9.0
005H05Z1K0005S28	0.5	28/0.15	0.6	2.12	9.0
005H05Z1K00075S24	0.75	24/0.20	0.6	2.33	12.0
005H05Z1K00075S42	0.75	42/0.15	0.6	2.33	12.0
005H05Z1K001S32	1	32/0.20	0.6	2.5	15.0
H07Z1-K 450/750V					
005H07Z1K0015	1.5	48/0.20	0.7	3	20.9
005H07Z1K0015S30	1.5	30/0.25	0.7	2.98	20.9
005H07Z1K0025	2.5	49/0.25	0.8	3.62	32.5
005H07Z1K0025S77	2.5	77/0.20	0.8	3.63	32.5
005H07Z1K004	4	56/0.30	0.8	4.2	50.1
005H07Z1K006	6	84/0.30	0.8	4.78	71.7
005H07Z1K010	10	84/0.40	1	6.23	125.1
005H07Z1K016	16	126/0.40	1	7.88	179.3
005H07Z1K025	25	196/0.40	1.2	9.48	275.9