



THERMOPLASTIC HALOGEN-FREE PANEL WIRE

EN 50525-3-31

9 orderable sizes

STANDARD EN 50525-3-31	VOLTAGE CLASS 450/750 V	CONDUCTOR Class 5 flexible copper conductor
INSULATION / JACKET LSZH insulation only		

Construction

- 1** ■ **Conductor** – Copper conductor · 80 × Ø0.4 mm · IEC 60228 c1.5
- 2** ■ **Insulation** – Thermoplastic LSZH compound

Size selection — all available cross-sections

Cable reference	Voltage class	Cable use	Core / pair design	Conductor size	Max DC resistance at 20 °C	Fire behavior	OD guide
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 0.5 mm ²	450/750 V	Panel wire	1 core	0.5 mm ²	39.0 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	11 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 0.75 mm ²	450/750 V	Panel wire	1 core	0.75 mm ²	26.0 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	11 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 1.0 mm ²	450/750 V	Panel wire	1 core	1.0 mm ²	Confirm to IEC 60228	Low smoke, zero halogen, flame retardant cabinet wire	11 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 1.5 mm ²	450/750 V	Panel wire	1 core	1.5 mm ²	12.1 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	12 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 2.5 mm ²	450/750 V	Panel wire	1 core	2.5 mm ²	7.41 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	12 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 4 mm ²	450/750 V	Panel wire	1 core	4 mm ²	4.61 Ω/km	Low smoke, zero halogen, flame	13 mm

Cable reference	Voltage class	Cable use	Core / pair design	Conductor size	Max DC resistance at 20 °C	Fire behavior	OD guide
						retardant cabinet wire	
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 6 mm ²	450/750 V	Panel wire	1 core	6 mm ²	3.08 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	14 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 10 mm ²	450/750 V	Panel wire	1 core	10 mm ²	1.83 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	16 mm
H07Z1-K LSZH panel wire 450/750 V Panel wire 1 core 16 mm ²	450/750 V	Panel wire	1 core	16 mm ²	1.15 Ω/km	Low smoke, zero halogen, flame retardant cabinet wire	17 mm

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