

DESIGN

Conductor

Solid Copper Wire (Class 1) acc. to EN 60228, IEC 60228

Insulation

LSZH (Low Smoke Zero Halogen) acc. to EN 50290-2-26, Diameter: 1.60mm
Colours (Red-Black, Yellow-White, Green/White, Brown/White)

Stranding

Pairwise, Pairs in Layers

Separator

PET (Polyester Tape)

Screen

0.80mm Tinned Drain Wire + AL/PET (Aluminium/Polyester Tape)

Outer Sheath

LSZH (Low Smoke Zero Halogen) acc. to EN 50290-2-27, Red



APPLICATIONS

Fire alarm and telecommunication installation cables with electrostatic screen for information processing, signal transmission, voice communication and telephone stations for indoor applications. Static screen protects the signal from external electrical interference.

TECHNICAL DATA

AC Test Voltage (Core-Core / Core Screen)	800 / 800 V
Rated Voltage	225 V
Min. Bending Radius (During Laying)	10 x Diameter
CPR Fire Performance	Cca-s1a,d2,a1
Working Temperature (Mobile)	-5°C up to +50°C
Working Temperature (Stable)	-30°C up to +70°C
Max. Working Temperature	+70°C
Applicable Standards	DIN VDE 0815, TS 13767
Flame Retardant Test (Bunched Cables)	EN IEC 60332-3-24 Cat. C
Smoke Density	EN 61034-2, IEC 61034-2
Determination of Halogen Acid Gas	EN 60754-1, IEC 60754-1
Determination of Acidity & Conductivity Standards	EN 60754-2, IEC 60754-2
	RoHS, REACH, European Conformity, Eurasian Conformity

DIMENSIONS

Part Number	Cross Section (mm ²)	Insulation Thickness (mm)	Sheath Thickness (mm)	Outer Diameter (mm)	Weight (Kg/Km)	Max. Loop Resistance Conductor (Ω/Km) (20°C)	Insulation Resistance (MΩ/Km)	Mutual Capacitance (nF/Km)
JE-H-001	1x2x0.80+0.80	0.40	0.75	4.90	37	73.20	100	100
JE-H-002	2x2x0.80+0.80	0.40	0.80	5.35	53	73.20	100	100
JE-H-003	4x2x0.80+0.80	0.40	0.80	8.75	96	73.20	100	100

** The product and information presented in this document are for calculation only and subject to technical progress. Outer diameters are approximately **